

**FORMER UNIVERSAL SCRAP METAL
PROCESSORS CORP
1181 FLUSHING AVENUE
BROOKLYN, NEW YORK 11237
Block 2994, Lot 75**

**REMEDIAL INVESTIGATION
REPORT**

May 2017

Prepared for:

Flushing Stewart LLC
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EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

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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.

A handwritten signature in blue ink that reads "Charles Sosik". The signature is written in a cursive style.

Charles Sosik, PG
Principal

Date: 5-11-2017

1.0 INTRODUCTION

1.1 Project Background

This Remedial Investigation Report (RIR) was prepared on behalf of Flushing Stewart LLC for the property known as the Former Universal Scrap Metal Processors Corp., located at 1181 Flushing Avenue, Brooklyn, New York (hereafter referred to as the Site). In February 2015, Flushing Stewart LLC filed an application with the New York State Department of Environmental Conservation (NYSDEC), to admit the Project Site into the New York State Brownfield Cleanup Program (BCP). The application was deemed complete by the NYSDEC on May 7, 2015. On March 16, 2015, the NYSDEC informed Flushing Stewart LLC that the project (Site No. C224194) had been accepted into the BCP with Flushing Stewart LLC classified as a "Volunteer". The Brownfield Cleanup Agreement was executed by NYSDEC on July, 2, 2015.

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

The overall objectives of the project are to prepare the Site for commercial use and to remediate known and unknown environmental conditions at the Site to the satisfaction of the NYSDEC and the New York State Department of Health (NYSDOH).

The field work portion of the RI was conducted by EBC in November 2016.

1.2 Site Location and Description

The street address for the Site is 1181 Flushing Avenue, Brooklyn, NY (**Figure 1**). The Site is located in the City of New York in the East Williamsburg neighborhood of the Borough of Brooklyn. The Site is comprised of one tax parcel identified as Block 2994, Lot 75 and totaling 40,006.98 sq. ft (0.92 acres). The Site originally consisted of two tax parcels, Lots 9 and 75, but were merged into Lot 75 for development purposes. The Site consists of approximately 120 ft of street frontage on Flushing Avenue and 210 feet of street frontage on Stewart Avenue. The Brownfield Site is a portion of the new merged lot and contains approximately 21,942.45 sq. ft (0.50 acres) (**Figure 2**). Currently the property is vacant but was most recently occupied by a scrap metal recycler. The property is partially developed with a 1-story 4,500 sf commercial building which was constructed in 1931. The building yard area and Lot 9 to the north were used as a metal scrap yard. The area to the south of the building is used for parking.

The Manhattan Transportation Authority's (MTA) L-train subway line runs beneath a portion of former Lot 9 in an east-west direction near the front quarter of the lot.

The elevation of the Site ranges from 16 to 18 feet above the National Geodetic Vertical Datum (NGVD). The area topography gradually slopes to the north. The depth to groundwater beneath the

Site is approximately 12 feet below grade. Based on regional groundwater elevation maps, groundwater flows to the northwest toward the English Kills Channel.

The area surrounding the property is highly urbanized and is primarily industrial / commercial in accordance with the M1-1, M1-2 and M3-1 zoning which surrounds the property. Adjacent land use includes large manufacturing / warehouse buildings to the west, north and east and a lumber yard, Manhattan Transit Authority maintenance building and a wholesale food warehouse to the south.

Residential areas are present further to the south behind the commercial properties along Flushing Avenue.

1.3 Redevelopment Plans

The redevelopment project consists of the construction of a new 6-8 story commercial building which will cover approximately 60 percent of the south lot (lot 75). The project includes 14,362 sf of commercial / retail space, 14,362 sf of community space and 71,810 sf of hotel space. Plans include a full height basement level requiring excavation to a depth of approximately 11 ft below grade. The basement level will be used for meter rooms and retail storage space. The remainder of the property will be utilized for parking. With groundwater present at 10 feet below grade, dewatering will likely be required during construction of the building's foundation.

1.4 Site History

The Site served as a Long Island Rail Road freight yard from between 1888 and 1907 until sometime between 1951 and 1965. The current building was constructed between 1933 and 1951 in the southeast corner of the Site. In 1951 the building was utilized for fire wood cutting, bagged charcoal storage and automobile storage. The south end of the building, along Flushing Avenue, contained a gasoline tank. In 1965 the south end of the building is no longer present and instead the area, where the gasoline tank had been listed, is a filling station. The structure formerly used for charcoal storage is being used as an auto service. The rest of Lot 75 is lumber storage and Lot 9 still contains two rail road tracks. In 1968 the auto services and filling station remain, and the rest of lot 75 is being utilized for parking. In 1981 the parking area was also being used as an auto parts yard. Starting in 2003 the filling station is no longer depicted at the Site. Between 2007 and 2014 the building on Site was converted from an auto service to a scrap metal facility and the two sets of railroad tracks were removed.

1.5 Summary of Previous Investigations

Environmental investigations performed at the Site include the following:

- NYSDEC Spill Files No. 1305242 and 0510000
- Phase I Environmental Site Assessment Report - EBC (December 2014)
- Phase II Subsurface Investigation Data Summary - EBC (January 2015)

1.5.1 NYSDEC Spill Files No. 1305242 and 0510000

According to the NYSDEC Spill file, a petroleum spill was reported in November 2005 during the removal of eleven 550 gallon underground storage tanks. Impacted soil was present around the tanks and approximately 239 tons of soil were removed for disposal. Impacted soil remained in the excavation near the western edge in the vicinity of the former fill ports. A groundwater well installed within the former tank area indicated 7,630 ug/L of total BTEX VOCs. Based on these results continued monitoring was required. In 2009 the DEC requested that an additional investigation be performed to delineate the extent of the contamination. An investigation performed in August 2009 by P.W. Grosser Consulting (PWGC) identified total VOCs in groundwater ranging from 3.26 to 9,217 ug/L. In January 2010 PWGC submitted a remedial plan to the DEC consisting of chemical oxidants and oxygen releasing compound injections. DEC approved the plan in March 2010. Two injection rounds were completed, one in July 2010 and one in September 2010. Post injection monitoring indicated a significant reduction in VOC concentrations in groundwater. Subsequent sampling in 2011 and 2013 indicated some rebound with concentrations then stabilizing by 2014 in the 1,000 to 2,500 ug/L range.

1.5.2 December 2014 – Phase I Environmental Site Assessment (EBC)

Based upon reconnaissance of the subject site and surrounding properties, and review of historical records and regulatory agency databases, the Phase I Screening identified the following Recognized Environmental Conditions (RECs) for the Site:

- The entire property was used as a Railroad freight yard from sometime between 1888 and 1907 to sometime between 1951 and 1965. Historic rail lines were known to use PCBs and herbicides for weed control. In addition rail freight yards would be subject to fuel and petroleum releases from equipment and potential chemical releases from rail tanker cars, etc.
- The south end of the Site was utilized as filling station from approximately 1955 until at least 2003.
- The southern portion of the Site and the building were used for auto repair from 1955 until 2007.
- The Site contained a gasoline storage tank at the south end, along Flushing Avenue, in 1951.
- The northern portion of the property was used as an auto scrap yard from 1981 through 2007.
- From 2007 through 2014 the property was used as a scrap metal facility.

1.5.3 January 2015 - Phase II Investigation Data Summary (EBC)

The field work portion of the Phase II was performed on December 29th and 30th, 2014 and included the installation of six soil borings and the collection and analysis of eight soil and five groundwater samples. Shallow soil samples were also analyzed for TAL metals and PCBs. Deeper samples, from the water table interface, were analyzed for VOCs by USEPA 8260 and SVOCs by USEPA 8270. Groundwater samples were analyzed for VOCs only. Laboratory services were provided by Phoenix Environmental Laboratories of Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301).

The depth to groundwater at the site is approximately 10 feet below grade. Soil at the site is described as historic fill materials to a depth of approximately 0-4 feet below the surface followed by native brown sand and silt.

Laboratory results identified VOCs including 1,2-dichloroethane (B3), benzene, trimethylbenzene, ethylbenzene, toluene and xylene (B9, B10) above unrestricted and groundwater protection SCOs indicated multiple source areas across the Site. The concentration of total VOCs (when including naphthalene) were reported as high as 37,037 ug/kg. One or more SVOCs including chysene, benzo(a)anthracene, benzo(a)pyrene, ideno(1,2,3-cd)pyrene, benzo(k)fluorntzene were reported above Unrestricted or Restricted Residential SCOs in two locations (B2 and B10).

Metals reported above included the following:

Unrestricted Use

B2 0-4 ft - Copper (76.6 mg/kg), lead (108 mg/kg), zinc (856 mg/kg)

B3 0-2 ft - Copper (62 mg/kg), lead (161 mg/kg), zinc (170 mg/kg)

B6 0-5 ft - Lead (72.6 mg/kg)

B9 4-6 ft - Zinc (134 mg/kg)

B10 0-4 ft - Copper (68.6 mg/kg), lead (147 mg/kg), mercury (0.55 mg/kg), zinc (1800 mg/kg)

Restricted Residential Use

B1 0-2 ft - Cadmium (3 mg/kg), mercury (1.94 mg/kg)

B2 0-4 ft - Mercury (5.54 mg/kg)

B3 0-2 ft - Mercury (1.01 mg/kg)

Petroleum VOCs were reported in three of the five groundwater samples (MW3, MW5, MW6) above water quality standards. Total petroleum VOCs were reported to 8,727 ug/L.

2.0 REMEDIAL INVESTIGATION

2.1 Field Investigation

The field work portion of the RI was conducted by EBC from November 10, 2016 through November 17, 2016. The field investigation consisted of a geophysical survey, 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 of Manchester, CT (NY Cert No. 11301). A sample matrix showing the number, type and analysis of samples collected during the Remedial Investigation is provided as **Table 1**.

2.2 Deviations from the Remedial Investigation Work Plan

The following changes were made in performing the Remedial Investigation:

- Soil borings 15B15, 15B16, 15B17 and 15B18, located north of the subway line, were not installed as the BCP Site was redefined to exclude this area.
- Monitoring wells MW11, MW12 and MW13 located north of the subway line were not installed as the BCP Site was redefined to exclude this area.
- Soil vapor implants SG10 and SG11 located north of the subway line were not installed as the BCP Site was redefined to exclude this area.
- The RIWP specified that samples would be retained from half (8) of the borings for analysis of fill materials and that samples would be retained from the other half (8) for analysis of clean native soil. However only six samples of fill were submitted for analysis while 10 of the native soil was submitted.
- Due to poor recovery, only one sample was collected from soil borings 15B3, 15B10, and 15B13 instead of the minimum of two as specified in the Remedial Investigation Work Plan.

2.3 Geophysical Survey

The GPR survey was conducted by NOVA Geophysical Services (Douglaston, NY) on November 14, 2016. The equipment selected for this investigation was a Noggin 250 MHz ground penetrating radar (GPR) shielded antenna and 3M DYNATL. Several scattered anomalies were identified across the property. Based on their rates and proximity, these scattered anomalies were inconsistent with

any underground storage tanks (USTs). A high noise area was located on the southern portion of the Site, consistent with the prior UST excavation area. In addition, it was determined that there were no outlet pipes emanating from the waste oil sump located behind the former building in the central yard area. The complete geophysical investigation report showing the anomaly location is attached as **Appendix A**.

2.4 UST Inspection

There were no underground tanks identified by the geophysical investigation with the exception of the waste oil sump behind the former building. Although, what appeared to be, a fuel oil tank fill port was observed within the former building during a preliminary site inspection, the presence of a UST in this area could not be confirmed.

According to the Bulk Storage Database provided by the Department of Environmental Conservation, there were eleven (11) 550-gallon underground storage tanks on Site. All eleven of these tanks were removed and the tanks were closed on January 31, 2006.

2.5 Soil Sampling

2.5.1 Soil Borings

A total of sixteen soil borings were advanced between November 10, 2015 and November 14, 2016, to identify source areas and to obtain general soil quality information present at the Site (**Figure 3**). Ten of the borings were installed within, and six were installed outside of, the proposed basement area.

Soil borings were collected in continuous five foot intervals to a terminal depth of 20 to 30 feet below grade. In accordance with the RI Work Plan, two to three samples were retained for analysis per boring with the exception of 15B3, 15B10, and 15B13 in which only one sample was collected due to limited recovery.

Soil recovered from each soil boring was field screened by a qualified environmental professional for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination. Soil samples exhibiting the highest levels of contamination were retained for analysis. Soil boring logs are provided in **Appendix B**.

Thirty-six (36) soil samples were sampled and retained for analysis from the sixteen (16) soil boring locations. Samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). Samples were analyzed for one or more of the following analyses depending on boring location and depth: VOCs (EPA Method 8260), SVOCs (EPA Method 8270), TAL metals and dissolved metals (EPA Method 6010), and Pesticides and PCBs (EPA Method 8081/8082). Soil sample analytical results were compared to NYSDEC Part 375.6 Unrestricted Use and Residential Restricted SCOs.

2.6 Monitoring Well Installation

Twelve monitoring wells (MW1 through MW10, MW14 and MW15) were installed at the Site from November 11, 2016 through November 14, 2016. All of the wells were installed with a track mounted Geoprobe™ Model 6712DT drilling machine to a depth of approximately 20 feet below grade with 10 feet of 0.010 PVC well screen and 10 feet of PVC riser.

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

Prior to sampling, a synoptic round of depth-to-groundwater (DTW) measurements were obtained from wells MW1-MW10, MW14 and MW15 on October 16, 2016 to determine the water table elevation and to calculate the volume of standing water in the well. The depth to groundwater ranged from 11.97-13.19 feet below grade. Depth to water and survey readings are provided in **Table 2**. A groundwater elevation map from the October 2016 depth to water readings is provided as **Figure 5**.

2.6.1 Groundwater Sampling

Twelve monitoring wells (MW1-MW10, MW14, MW15) were sampled on November 16-17, 2016. Samples were collected from the monitoring wells using low-flow sampling techniques and were monitored continuously until parameters stabilized. A peristaltic pump and polyethylene sampling tube were used to purge and collect samples from each well location. Sample tubing and the silicone pump tubing were replaced between each sample location. Samples were collected directly into pre-cleaned laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix Environmental Laboratories of Manchester, CT, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). Groundwater sampling logs are provided in **Appendix D**.

All groundwater samples from the monitoring wells were analyzed for VOCs / SVOCs by EPA method 8260 / 8270, target analyte list (TAL) metals and dissolved metals by EPA method 6010 and Pesticides/PCBs by method 8081/8082.

2.7 Soil Vapor Sampling

Nine soil vapor samples were collected during the RI. All samples (SG1 through SG9) were collected at a depth of 9 feet below grade on November 16, 2016. 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)*.

2.7.1 Installation of Soil Vapor Implants

Nine soil vapor implants were installed at the Site on November 11, 2016 through November 14, 2016. The vapor implants (Geoprobe™ Model AT86 series), were constructed of a 6-inch length of double woven stainless steel wire and installed to a depth of 9 ft below grade using Geoprobe™ equipment.

During installation, the barbed end of each implant was attached to ¼ inch polyethylene tubing which extended approximately 24 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the vapor implant to a height of approximately 1 foot above the bottom of the implant. The remainder of the borehole was sealed with a bentonite slurry to the surface. The tubing and borehole were then sealed at the surface with hydrated granular bentonite and a 12" x 12" (approx.) plastic sheet.

2.7.2 Surface Seal Test Procedure

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

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

2.7.3 Soil Vapor Sample Collection

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe and tube) were purged with a handheld vacuum pump prior to collecting the samples to ensure samples collected were representative. After purging, a 6-liter summa canister, fitted with a 2-hour flow regulator was attached to the surface tube of each of the sampling points and the valve opened to initiate sampling. Sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on a sample log sheet (**Appendix E**). When the remaining vacuum in the canisters was between 0 and 7 inches Hg, (after approximately 2 hrs of run-time) the valve was closed and the canisters were detached from the sampling tube.

Sample canisters were picked up the following day by a Phoenix laboratory courier and delivered to the laboratory for analysis of VOCs by USEPA Method TO-15.

2.8 Laboratory Analysis

Data tables summarizing the laboratory results are provided in **Tables 3** through **12** and copies of the laboratory reports (with chains-of-custody) are included in digital format in **Appendix F**. Soil sample results were compared to both Unrestricted Use and Restricted Residential Soil Cleanup Objectives (SCOs) as promulgated in 6 NYCRR Subpart 375-6. Groundwater results were compared to NYSDEC Division of Water, Technical & Operational Guidance Series 1.1.1, Ambient Water Quality Standards and Guidance Values (AWQS), June 1998. Soil vapor analytical results were compared to Outdoor Background Levels for Selected Compounds and sub-slab and indoor air

guidance levels as presented in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006. **Table 13** contains a list of parameters detected above Track 1 unrestricted soil cleanup objectives and the range in detections. **Table 14** contains a list of parameters detected above ambient groundwater standards and the range in detections.

2.8.1 Analytical Results – Soil Samples

A total of thirty-six (36) soil samples were collected from sixteen (16) soil borings for laboratory analysis of VOCs (EPA Method 8260), SVOCs (EPA Method 8270), TAL metals and pesticides/PCBs (EPA Method 8081/8082).

Soil sampling results are summarized in **Tables 3** through **6**. All soil results above Unrestricted Use SCOs are presented in **Table 13** and posted on **Figure 6**. Soil samples collected from the borings had elevated levels of VOCs, SVOCs and heavy metals that exceeded either Unrestricted Use or Restricted Residential SCOs as follows:

VOCs in Soil Above Unrestricted Use SCOs:

15B1 (12-14ft) – Benzene (90 µg/kg), ethylbenzene (14,000 µg/kg), m&p Xylenes (2,100 µg/kg), n-Propylbenzene (16,000 µg/kg), o-Xylene (1,000 µg/kg)

15B2 (22.5-25ft) – m&p Xylenes (500 µg/kg)

15B4 (15-17ft) – Benzene (100 µg/kg)

15B5 (12-14ft) – Acetone (560 µg/kg)

15B6 (5-7ft) – 1,3,5-Trimethylbenzene (15,000 µg/kg), Acetone (550 µg/kg), m&p Xylenes (24,000 µg/kg), n-Propylbenzene (4,900 µg/kg), o-Xylene (9,100 µg/kg)

15B7 (18-20ft) – m&p Xylenes (530 µg/kg), o-Xylene (380 µg/kg)

15B7 (23-25ft) – Acetone (500 µg/kg), Methyl Ethyl Ketone (160 µg/kg)

15B8 (0-2ft) – Benzene (110 µg/kg)

15B9 (3-5ft) – 1,2,4-Trimethylbenzene (44,000 µg/kg), 1,3,5-Trimethylbenzene (13,000 µg/kg), Acetone (640 µg/kg), benzene (800 µg/kg), Ethylbenzene (8,300 µg/kg), m&p Xylene (32,000 µg/kg), n-Propylbenzene (5,600 µg/kg), o-Xylene (13,000 µg/kg), Toluene (1,900 µg/kg)

15B9 (10-15ft) – Acetone (53 µg/kg)

15B11 (0-2ft) – 1,2,4-Trimethylbenzene (16,000 µg/kg), Acetone (920 µg/kg), Benzene (1,900 µg/kg), Ethylbenzene (4,500 µg/kg), m&p Xylenes (9,600 µg/kg), o-Xylene (5,600 µg/kg), Tetrachloroethene (2,400 µg/kg), Toluene (15,000 µg/kg),

15B12 (12-14ft) – 1,2,4-Trimethylbenzene (14,000 µg/kg), Benzene (650 µg/kg), Ethylbenzene (3,900 µg/kg), m&p Xylenes (16,000 µg/kg), o-Xylene (6,700 µg/kg)

15B14 (1-13ft) – Acetone (64 µg/kg), Benzene (240 µg/kg)

15B19 (18-20ft) – Naphthalene (89,000 µg/kg), n-Butylbenzene (70,000 µg/kg), sec-Butylbenzene (23,000 µg/kg), Toluene (20,000 µg/kg)

15B19 (20-25ft) – m&p Xylenes (2,000 µg/kg), o-Xylene (640 µg/kg)

Duplicate 4 (15B2 12-14ft) – 1,2,4-Trimethylbenzen (17,000 µg/kg), Acetone (400 µg/kg), Ethylbenzene (3,200 µg/kg), m&p Xylenes (2,500 µg/kg), n-Propylbenzene (6,100 µg/kg)

VOCs in Soil Above Unrestricted Use SCOs:

15B1 (12-14ft) – 1,2,4-Trimethylbenzene (65,000 µg/kg)

15B6 (5-7ft) – 1,2,4-Trimethylbenzene (56,000 µg/kg), Ethylbenzene (4,700 µg/kg)

15B19 (18-20ft) – 1,2,4-Trimethylbenzene (910,000 µg/kg), 1,3,5-Trimethylbenzene (320,000 µg/kg), Ethylbenzene (190,000 µg/kg), m&p Xylenes (720,000 µg/kg), n-Propylbenzene (140,000 µg/kg), o-Xylene (260,000 µg/kg), Tetrachloroethene (22,000 µg/kg)

SVOCs in Soil Above Unrestricted Use SCOs:

15B5 (0-2ft) – Indeno(1,2,3-cd)pyrene (530 µg/kg)

15B9 (3-5ft) - Chrysene (1,600 µg/kg)

15B19 (18-20ft) - Naphthalene (17,000 µg/kg)

Duplicate 3 (15B19 0-2ft) – Chrysene (1,100 µg/kg)

SVOCs in Soil Above Restricted Residential SCOs:

15B9 (3-5ft) - Benz(a)anthracene (1,500 µg/kg), Benzo(a)pyrene (1,100 µg/kg), Benzo(b)fluoranthene (1,100 µg/kg), Benzo(k)fluoranthene (900 µg/kg), Indeno(1,2,3-cd)pyrene (630 µg/kg)

15B11 (0-2ft) - Indeno(1,2,3-cd)pyrene (720 µg/kg)

15B19 (0-2ft) - Indeno-1,2,3-cd-pyrene (600 µg/kg)

Duplicate 3 (15B19 0-2ft) – Indeno(1,2,3-cd)pyrene (610 µg/kg)

Metals in Soil Above Unrestricted Use SCOs:

15B1 (12-14ft) – Chromium (33.3 mg/kg)

15B5 (0-2ft) – Copper (71 mg/kg), Lead (228 mg/kg), Mercury (0.49 mg/kg), Zinc (261 mg/kg)

15B8 (0-2ft) – Copper (68.1 mg/kg), Lead (196 mg/kg), Mercury (0.45 mg/kg), Zinc (269 mg/kg)

15B9 (3-5ft) – Copper (170 mg/kg), Lead (399 mg/kg), Mercury (0.65 mg/kg), Zinc (431 mg/kg)

15B11 (0-2ft) – Chromium (31.9mg/kg), Copper (266 mg/kg), Mercury (0.81 mg/kg), Zinc (1,100 mg/kg)

15B14 (1-3ft) – Arsenic (13.7 mg/kg), Copper (146 mg/kg), Lead (232 mg/kg), Mercury (0.47 mg/kg), Zinc (677 mg/kg)

15B19 (0-2ft) – Copper (80.5 mg/kg), Lead (237 mg/kg), Zinc (165 mg/kg)

15B20 (0-2ft) – Lead (68.4 mg/kg), Mercury (0.71 mg/kg)

Duplicate 3 (15B19 0-2ft) – Copper (73.7 mg/kg), Lead (243 mg/kg), Lead (114 mg/kg), Zinc (160 mg/kg)

Metals in Soil Above Restricted Residential SCOs:

15B11 (0-2ft – Barium (446 mg/kg), Cadmium (7.67 mg/kg), Lead (754 mg/kg)

15B19 (0-2ft) – Mercury (1.57 mg/kg)

Duplicate 3 (15B19 0-2ft) – Mercury (1.04 mg/kg)

Pesticides in Soil Above Unrestricted Use SCOs:

15B5 (0-2ft) – 4,4'-DDD (100 µg/kg) , 4,4'-DDE (72 µg/kg), 4,4'-DDT (76 µg/kg)

15B19 (0-2ft) – 4,4'-DDT (7.7 µg/kg)

No Pesticides were detected above NYSDEC Restricted Residential SCOs

No PCBs were detected above NYSDEC Unrestricted Use and Restricted Residential Use SCOs.

2.8.2 Analytical Results – Groundwater Samples

A total of twelve (12) groundwater samples were collected from twelve (12) groundwater monitoring wells for laboratory analysis of VOCs (EPA Method 8260), SVOCs (EPA Method 8270), TAL metals and pesticides/PCBs (EPA Method 8081/8082). Monitoring well locations, MW11, MW12, and MW13 were not sampled due to the area in which the wells were proposed are no longer within the BCP Site boundary.

The results of groundwater samples collected during the RI are summarized in **Tables 7** through **11**. Several VOC and metals 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:

MW1 – 1,2,4-Trimethylbenzene (140 µg/L), 1,3,5-Trimethylbenzene (18 µg/L), Benzene (64 µg/L), Ethylbenzene (440 µg/L), Isopropylbenzene (26 µg/L), m&p Xylenes (290 µg/L), Naphthalene (58 µg/L), n-Propylbenzene (44 µg/L), o-Xylene (70 µg/L), Toluene (24 µg/L)

MW2 – 1,2,4-Trimethylbenzene (300 µg/L), 1,3,5-Trimethylbenzene (110 µg/L), Acetone (53 µg/L), Benzene (2.3 µg/L), Ethylbenzene (230 µg/L), Isopropylbenzene (22 µg/L), m&p Xylenes (720 µg/L), Naphthalene (73 µg/L), n-Butylbenzene (9.3 µg/L), n-Propylbenzene (53 µg/L), o-Xylene (210 µg/L), sec-Butylbenzene (6.7 µg/L), Toluene (30 µg/L)

MW3 – 1,2,4-Trimethylbenzene (730 µg/L), 1,3,5-Trimethylbenzene (280 µg/L), Benzene (170 µg/L), Ethylbenzene (570 µg/L), Isopropylbenzene (79 µg/L), m&p Xylenes (540 µg/L), Naphthalene (190 µg/L), n-Butylbenzene (20 µg/L), n-Propylbenzene (200 µg/L), o-Xylene (130 µg/L), p-Isopropyltoluene (5.2 µg/L), sec-Butylbenzene (13 µg/L), Toluene (30 µg/L), Trichloroethene (6.6 µg/L)

MW4 - Benzene (1.7 µg/L)

MW5 - Benzene (0.73 µg/L)

MW6 - 1,2,4-Trimethylbenzene (610 µg/L), 1,3,5-Trimethylbenzene (190 µg/L), 4-Methyl-2-Pentanone (60 µg/L), Acetone (290 µg/L), Benzene (50 µg/L), Ethylbenzene (440 µg/L), Isopropylbenzene (29 µg/L), m&p Xylenes (1,600 µg/L), Methyl Ethyl Ketone (780 µg/L), Methyl t-butyl ether [MTBE] (66 µg/L), Naphthalene (110 µg/L), n-Butylbenzene (9 µg/L), n-Propylbenzene (78 µg/L), o-Xylene (590 µg/L), sec-Butylbenzene (6.5 µg/L), Tetrachloroethene (8.1 µg/L), Toluene (470 µg/L), Trichloroethene (7.4 µg/L)

MW7 – Benzene (1.3 µg/L)

MW8 – 1,2,4-Trimethylbenzene (5.4 µg/L), Acetone (180 µg/L), Benzene (5.5 µg/L), m&p Xylenes (9.7 µg/L), Methyl Ethyl Ketone (130 µg/L), o-Xylene (5.5 µg/L), Toluene (15 µg/L)

MW9 – Methyl t-butyl ether [MTBE] (51 µg/L)

MW10 – 1,2,4-Trimethylbenzene (17 µg/L), Benzene (30 µg/L), Ethylbenzene (19 µg/L), m&p Xylenes (30 µg/L), Methyl t-butyl ether [MTBE] (270 µg/L), o-Xylene (21 µg/L)

MW14 – 1,2,4-Trimethylbenzene (1,400 µg/L), 1,3,5-Trimethylbenzene (400 µg/L), Benzene (380 µg/L), Ethylbenzene (940 µg/L), Isopropylbenzene (64 µg/L), m&p Xylenes (3,700 µg/L), Naphthalene (250 µg/L), n-Butylbenzene (16 µg/L), n-Propylbenzene (170 µg/L), o-Xylene (1,500 µg/L), sec-Butylbenzene (12 µg/L), Styrene (6.9 µg/L), Toluene (1,100 µg/L)

SVOCs in Groundwater Above NYSDEC AWQS:

MW1 - Naphthalene (51 µg/L)

MW2 – Naphthalene (40 µg/kg)

MW3 – Naphthalene (130 µg/kg)

MW6 – Naphthalene (100 µg/kg)

MW14 - Naphthalene (260 µg/L)

PCBs in Groundwater Above NYSDEC AWQS:

MW14 – PCB-1016 (0.16 µg/kg)

Dissolved Metals in Groundwater Above NYSDEC AWQS:

MW1 - Manganese (3.43 mg/L), Sodium (322 mg/L)

MW2 – Manganese (6.75 mg/L), Sodium (245 mg/L)

MW3 – Manganese (5.54 mg/L), Sodium (343 mg/L)

MW4 – Iron (8.95 mg/L), Manganese (9.87 mg/L), Sodium (142 mg/L)

MW5 - Manganese (4.56 mg/L), Sodium (128 mg/L)

MW6 – Arsenic (1.16 mg/L), Cadmium (0.015 mg/L), Iron (758 mg/L), Lead (0.037 mg/L), Magnesium (95.1 mg/L), Manganese (44.8 mg/L), Sodium (237 mg/L)

MW7 - Iron (62.3 mg/L), Manganese (3.37 mg/L), Sodium (111 mg/L)

MW8 - Iron (79.1 mg/L), Manganese (3.14 mg/L), Sodium (151 mg/L)

MW9 – Magnesium (39.4 mg/L), Manganese (11.1 mg/L), Sodium (126 mg/L)

MW10 – Iron (7.14 mg/L), Manganese (0.999 mg/L), Sodium (124 mg/L)

MW14 – Iron (46.9 mg/L), Manganese (13.5 mg/L), Sodium (282 mg/L)

MW15 – Magnesium (36.2 mg/L), Manganese (11.9 mg/L), Sodium (159 mg/L)

GW Duplicate 1 (MW9) – Iron (0.72 mg/L), Magnesium (40.6 mg/L), Manganese (11.5 mg/L), Sodium (129 mg/L)

GW Duplicate 2 (MW7) – Iron (52.3 mg/L), Manganese (3.09 mg/L), Sodium (102 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 arsenic, barium, cadmium, chromium, iron, lead, magnesium, manganese and sodium. As demonstrated by the filtered samples, these detections are a function of suspended solids in the sample and are not representative of metals concentrations dissolved in the groundwater.

Groundwater parameters reported above groundwater standards are presented in **Table 14** and posted on **Figure 7**.

2.8.3 Analytical Results – Soil Vapor Samples

In order to determine the vapor quality in the soil beneath the Site, soil vapor samples were collected from nine soil vapor implants (SG1 - SG9) installed across the Site. Analytical results were compared to the Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values, 2003).

Total petroleum-related VOCs (BTEX) were generally low in soil vapor samples with the exception of three sample locations, SG-5 (BTEX 2,969 $\mu\text{g}/\text{m}^3$), SG-6 (BTEX 835.1 $\mu\text{g}/\text{m}^3$), and SG-9 (BTEX 978 $\mu\text{g}/\text{m}^3$). Total BTEX compounds ranged from 1.19 $\mu\text{g}/\text{m}^3$ (SG-2) to 619 $\mu\text{g}/\text{m}^3$ (SG-7) at all other soil vapor locations.

Chlorinated VOCs (CVOCs) were reported in all of the soil vapor samples with Trichloroethylene (TCE) reported in 5 of the 9 soil vapor samples, and Tetrachloroethylene (PCE) reported in 6 of the 9 soil vapor samples. Detectable concentrations of TCE ranged in concentration from $0.32 \mu\text{g}/\text{m}^3$ in SG-3 located towards the southern side of the Site to $11.3 \mu\text{g}/\text{m}^3$ in SG-7 located at the northwestern side of the Site towards the adjacent property Lot 105.

PCE concentrations ranged from $1.19 \mu\text{g}/\text{m}^3$ in SG-2 located at the southeastern corner of the Site at the intersection of Flushing Avenue and Stewart Avenue to $34.3 \mu\text{g}/\text{m}^3$ in SG-3 located towards the southern side of the Site. Vinyl chloride was detected in 5 of the 9 soil vapor samples. Vinyl chloride concentrations ranged from $1.56 \mu\text{g}/\text{m}^3$ in SG-4 located in the middle of the western boundary of the Site to $2,530 \mu\text{g}/\text{m}^3$ in SG-7 located along the north-western boundary of the Site. Benzene was detected in 7 of the 9 soil vapor samples.

Benzene concentrations ranged from $1.16 \mu\text{g}/\text{m}^3$ in SG-1 located in the south-western corner of the Site to $1,140 \mu\text{g}/\text{m}^3$ in SG-5 located in the middle of the eastern property boundary along Stewart Avenue. Cis-1,2-Dichloroethene was detected in 3 of the 9 soil vapor samples. Cis-1,2-Dichloroethene concentrations ranged from $10.2 \mu\text{g}/\text{m}^3$ in SG-4 located in the middle of the western boundary of the Site to $109 \mu\text{g}/\text{m}^3$ in SG-9 located just north of the northern property boundary of the Site.

Soil vapor results are summarized on **Table 12** and posted on **Figure 8**.

2.8.4 Data Usability Summary Report

Data validation services were provided by Koman Government Solutions, LLC (KGS) of Westborough, Massachusetts. KGS reported that, in general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria. In addition, the Department of Environmental Conservation has received notification that the electronic data deliverables (EDDs) package was submitted and successfully uploaded. The Data Usability Summary Reports prepared by H&S are provided in **Appendix G**.

3.0 HYDROGEOLOGIC ASSESSMENT AND PHYSICAL SETTING

3.1 Site Topography

The elevation of the Site ranges from 17 to 18 feet above the National Geodetic Vertical Datum (NGVD). The area topography gradually slopes to the north.

3.2 Surrounding Land Use

The area surrounding the property is highly urbanized and is primarily industrial / commercial in accordance with the M1-1, M1-2 and M3-1 zoning which surrounds the property. Adjacent land use includes large manufacturing / warehouse buildings to the west, north and east and a lumber yard, Manhattan Transit Authority maintenance building and a wholesale food warehouse to the south. There are no schools or daycare centers identified within 1,000 feet of the Site. Schools nearest the Site are P.S. 123 located approximately 1,307 feet to the southeast and J.H.S 162 located approximately 1,570 feet to the east.

3.3 Regional Geology / Hydrogeology

Long Island's present configuration is primarily the result of glaciation which 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 southeast Kings.

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 relative 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

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

Subsurface soils at the Site consist of historic fill materials to a depth of approximately 2 to 5 feet below grade with some areas extending to 12 feet below grade. Silty sand is present immediately below this layer (**Figure 9**).

Groundwater at the Site is present under water table conditions at a depth of 11.97 to 13.19 feet below grade (**Table 2**). Based upon on-site measurements, groundwater flow is to the north and northeast (**Figure 5**).

4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Identification of Source Areas

Source areas identified during the RI include the former UST area located in the southern area of the Site. Although the tanks were previously removed there appears to be some residual soil contamination in the northwest corner of the UST area as evidenced by petroleum VOCs reported at the 12-14' interval at the 15B1 location. The residual contamination associated with the UST area extends downgradient (northeast) to the 15B19 location along Stewart Avenue to a depth of 20 to 25'. Indications of a second source area were noted in 15SB6 at the 5-7' interval located adjacent the waste oil tank.

Shallow petroleum contamination reported across much of the Site in the 0-2' and 3-5' intervals and extending to 12-14' at the 15SB12 location is likely related to surface spillage from the storing and dismantling of derelict vehicles.

Historic fill material has been identified across the Site to depths 2 to 5 feet below grade extending as deep as 12 feet in at least one of the borings. Depending on location, the historic fill material contains one or more metals including barium, copper, lead, mercury and zinc, pesticides, PAHs and PCBs above unrestricted and / or restricted use SCOs.

4.2 Groundwater Impacts

Petroleum VOCs above NYSDEC Ambient Water Quality Standards (AWQS) were reported across much of the Site, extending as far north as MW10. Overall petroleum VOCs were reported in the low hundreds across the Site with the exception of the area downgradient of the UST area as defined by wells MW2, MW3 and MW14 which had concentrations of petroleum VOCs in the mid to high hundreds and low thousands. .

CVOCs were reported slightly above standards in two monitoring wells including 1 tetrachlorethene (PCE) in MW6 and trichloroethene (TCE) in MW3 and MW6.

SVOC detections above groundwater standards were limited to naphthalene in wells MW1, MW2, MW3, MW6 and MW14.

PCB1016 was reported slightly above the NYSDEC AWQS standard in well MW14.

Several dissolved metals were detected above standards including iron, sodium magnesium and manganese in most of the wells. These metals are consistent with general groundwater quality throughout the area. Barium, cadmium and lead were also reported above standards at the MW6 location.

4.3 Soil-Vapor Impacts

Petroleum-related VOCs were generally low in soil vapor samples with the exception of benzene, cyclohexane, heptane and hexane in SG4, SG5, SG6, SG7 and SG9. Chlorinated VOCs (CVOCs) were generally limited to vinyl chloride in SG8.

4.4 Site Conceptual Model

VOC contamination at the Site consists of petroleum related contaminants in soil at multiple locations around the property including areas adjacent to and downgradient of the former UST area, adjacent to the waste oil tank and in shallow soil across the Site.

Contamination adjacent to the UST area extends to a depth of 12-14' below grade while downgradient of the UST area in the vicinity of SB19 it extends to 25 feet. Petroleum impact in the vicinity of the waste oil tank extends to 7 feet. Much of the remainder of the Site has petroleum impacts in the top 2 to 5 feet of soil extending to 12 feet in one location.

It has been previously established that a release occurred in the UST area. Released gasoline in this area would have encountered the shallow water table almost immediately and then migrated north with groundwater flow in free phase form resulting in residually impacted soil. The water table must have been lower at some point during or soon after the release as soil impacts downgradient begin 5 to 8 feet lower in the soil column. Gasoline constituents then dissolved into the groundwater which was in contact with the contaminated soil or which passed through the contaminated soil zone and migrated north.

As noted in the Spill File, eleven 550 gallon USTs were removed from the southern portion of the Site along with 239 tons of petroleum impacted soil. Chemical oxidants were then applied to reduce VOC impacts in groundwater. This remediated a good portion of the source area leaving residually impacted soil adjacent to the excavated area and northeast along Stewart Avenue.

The presence of petroleum impacted soil adjacent to the waste oil sump and the general poor housekeeping observed around it indicates that spills occurred at this location and impacted soil to approximately 7 feet below the surface.

The historic use of the property as an auto dismantler, combined with a partial and damaged asphalt/concrete cover, resulted in surface spillage of automotive fluids (primarily gasoline) entering the ground and impacted shallow soil. For the most part this was limited to the top 2 feet of soil though in some areas of the Site it penetrated to a depth of 12 to 14 feet.

Dissolved petroleum VOCs originated from residually impacted soils in the UST area and downgradient impact zone and then migrated from these areas north. In addition, it is likely that surface runoff passing through the shallow contaminated soils across the site, picked up VOC contaminants and then transported them to the water table as dissolved constituents.

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

Source areas of the Site include petroleum VOCs in soil adjacent to and downgradient of the former UST area located in the southern portion of the Site. A second source is present in the vicinity of the waste oil tank though contamination in that area is not in direct contact with the groundwater. Petroleum VOCs are also present in shallow soil throughout much of the Site extending to the water table in at least one location. Shallow impacted soil is also considered a contaminant source.

Elevated levels of metals, PAHs and pesticides are also present in fill materials throughout the Site.

5.2 Contaminant Release and Transport Mechanism

Petroleum contamination is present in soil adjacent to and downgradient of the former UST area at depths which put it in direct contact with the groundwater. Contaminants in shallow soil can affect groundwater quality as surface runoff infiltrates the impacted zone and acts as transport water for dissolved constituents.

Dissolved components migrating from the source area or infiltrating through surface runoff would travel north to northeast with groundwater flow.

There appears to be some transfer of lighter petroleum VOCs to the vapor phase in the central and northern areas of the Site. These lighter end petroleum VOCs such as heptane and hexane may be migrating off-site in this area.

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 petroleum VOCs / SVOCs, CVOCs, pesticides 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 is a concern for residents of the planned construction in the north-central area of the Site, however remediation of the source areas is expected to greatly reduce if not eliminate this potential.

Potential Off-Site Exposures: Off-Site residents could also 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 light end petroleum VOCs. This potential will be further reduced following the removal of the source are under the planned redevelopment of the Site.

Potential Off-Site Environmental Impacts: Since petroleum VOCs in groundwater may be migrating beneath the Site at low concentrations in a northeasterly direction, the groundwater to surface water discharge pathway was evaluated. The nearest surface water to the Site is the English Kills Channel located approximately 1,500 feet to the northwest. 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 soils at the Site consist of historic fill materials to a depth of approximately 2 to 5 feet below grade with some areas extending to 12 feet below grade. Silty sand is present immediately below this layer. The fill material contains elevated levels some metals, pesticides and SVOCs.

Groundwater at the Site is present under water table conditions at a depth of 11.97 to 13.19 feet below grade and flows north and northeast.

The results of sampling performed during this RI, identified petroleum VOC and SVOC contamination in soil at multiple locations around the property including areas adjacent to and downgradient of the former UST area, adjacent to the waste oil tank and in shallow soil across the Site. Contamination adjacent to the UST area extends to a depth of 12-14' below grade while downgradient of the UST area in the vicinity of SB19 it extends to 25 feet. Petroleum impact in the vicinity of the waste oil tank extends to 7 feet. Much of the remainder of the Site has petroleum impacts in the top 2 to 5 feet of soil extending to 15 feet in two locations.

Historic fill material has been identified across the Site to depths 2 to 5 feet below grade extending as deep as 12 feet in at least one of the borings. Depending on location, the historic fill material contains one or more metals including barium, copper, lead, mercury and zinc, pesticides, PAHs and PCBs above unrestricted and / or restricted use SCOs.

Groundwater is impacted with petroleum VOCs across much of the Site, extending as far north as MW10. Overall petroleum VOCs were reported in the low hundreds across the Site with the exception of the area downgradient of the UST area as defined by wells MW2, MW3 and MW14 which had concentrations of petroleum VOCs in the mid to high hundreds and low thousands. .

Petroleum-related VOCs were generally low in soil vapor samples with the exception of benzene, cyclohexane, heptane and hexane in SG4, SG5, SG6, SG7 and SG9. Chlorinated VOCs (CVOCs) were generally limited to vinyl chloride in SG8.

The qualitative exposure assessment identified potential completed routes of exposure to construction workers and remediation workers through inhalation, ingestion and dermal contact of petroleum compounds, VOCs, pesticides 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. Occupants in the proposed on-site building may be exposed to VOCs through the vapor intrusion pathway, if remedial action is not taken to remove the source.

The exposure assessment indicated a limited potential exposure to residents and commercial workers in adjacent buildings which would be reduced further following the removal of the identified source areas.

Potential environmental impacts through the groundwater to surface water discharge were considered unlikely based on the concentrations of VOCs in groundwater and the distance to the English Kills Channel.

Recommendations include removal of the waste oil tank, excavation and disposal of petroleum contaminated soil within the source areas, 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.

7.0 REFERENCES

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TABLES

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

Matrix	Location	Approximate Number of Samples	Rationale for Sampling	Laboratory Analysis
Subsurface soil (0 to 5 feet bgs)	from 6 of the borings throughout the site.	6	To assess quality of historic fill across the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals EPA 6010. .
Subsurface soil	from 16 borings throughout the site.	20	To evaluate the extent of soil impact and delineate petroleum source areas	VOCs EPA Method 8260B, SVOCs EPA Method 8270, TAL metals EPA 6010.
Subsurface soil (5-15 feet below grade)	from 10 of the borings throughout the site.	10	To assess quality of native soil at the site with respect to Unrestricted SCOs at the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals EPA 6010.
Total (Soils)		36		
Groundwater (water table)	From 12 monitoring wells across the Site.	12	To assess groundwater quality at the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals EPA 6010 dissolved and total.
Total (Groundwater)		12		
Soil Gas (14 ft below existing grade)	9 soil gas implants installed across the Site.	9	Evaluate soil gas across the Site.	VOCs EPA Method TO15
Total (Soil Gas)		9		
MS/MSD	Matrix spike and Matrix spike duplicates at the rate 5%	3	To meet requirements of QA / QC program	4 soil and 2 groundwater MS/MSD for VOCs EPA Method 8260B, SVOCs EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals. Soil for VOCs EPA Method 8260B, SVOCs EPA Method 8270 and TAL metals EPA 6010.
Trip Blanks	One laboratory prepared trip blank to accompany samples each time they are delivered to the laboratory.	3	To meet requirements of QA / QC program	VOCs EPA Method 8260B
Total (QA / QC Samples)		6		

Former Universal Scrap Metal
1181 Flushing Avenue, Brooklyn NY

TABLE 2
Monitoring Well Specifications and Elevation

Well No.	Well Diameter (in)	Total Well Depth (ft)	Screened Interval	Survey Reading	Casing Elevation	DTW 11/16/2016	DTP	PT	GW ELV 11/16/2016
MW1	1	20	10-20 ft	4.98	95.02	12.60	-	-	82.42
MW2	1	20	10-20 ft	5.54	94.46	12.04	-	-	82.42
MW3	1	20	10-20 ft	5.18	94.82	12.48	-	-	82.34
MW4	1	20	10-20 ft	5.14	94.86	12.50	-	-	82.36
MW5	1	20	10-20 ft	5.14	94.86	12.52	-	-	82.34
MW6	1	20	10-20 ft	4.56	95.44	13.19	-	-	82.25
MW7	1	20	10-20 ft	5.34	94.66	12.50	-	-	82.16
MW8	1	20	10-20 ft	5.14	94.86	12.64	-	-	82.22
MW9	1	20	10-20 ft	4.75	95.25	13.19	-	-	82.06
MW10	1	20	10-20 ft	5.28	94.72	12.69	-	-	82.03
MW14	1	20	10-20 ft	4.84	95.16	12.90	-	-	82.26
MW15	1	20	10-20 ft	5.56	94.44	11.97	-	-	82.47

TABLE 3
Soil Analytical Results
Volatile Organic Compounds

Table with columns for Compound, NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*, NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*, 15B9, 15B10, 15B11, 15B12, and 15B13. Each column contains numerical data for various soil parameters and concentrations.

Notes:
- 6 NYCRR Part 375.6 Remedial Program Soil Cleanup Objectives
RL- Reporting Limit
U- The compound was analyzed for but not detected at or above the MDL
J- The value is estimated.
N- The concentration is based on the response to the nearest interval.

S- This compound is a solvent that is used in the laboratory.
D- The reported concentration is the result of a diluted analysis.
Bold/highlighted- Indicated exceedance of the NYSDEC USCSO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDRC RRSCO Guidance Value

TABLE 5
Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B1				15B2				15B3				15B4				15B5								15B6				
			(12-14) 11/14/2016				(12-14) 11/14/2016				(12-14) 11/14/2016				(12-14) 11/14/2016				(0-2) 11/10/2016				(12-14) 11/10/2016				(12-14) 11/11/2016				
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result
4,4' -DDD	3.3	13,000	< 2.5	2.5	U	2.5	< 2.4	2.4	U	2.4	< 2.3	2.3	U	2.3	< 2.3	2.3	U	2.3	100	11	D	11	-	-	-	-	< 2.4	2.4	U	2.4	
4,4' -DDE	3.3	8,900	< 2.5	2.5	U	2.5	< 2.4	2.4	U	2.4	< 2.3	2.3	U	2.3	< 2.3	2.3	U	2.3	72	2.2	-	2.2	-	-	-	-	< 2.4	2.4	U	2.4	
4,4' -DDT	3.3	7,900	< 2.5	2.5	U	2.5	< 2.4	2.4	U	2.4	< 2.3	2.3	U	2.3	< 2.3	2.3	U	2.3	76	11	D	11	-	-	-	-	< 2.4	2.4	U	2.4	
a-BHC	20	480	< 8.5	8.5	U	8.5	< 8.0	8.0	U	8.0	< 7.6	7.6	U	7.6	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	-	-	-	-	< 7.9	7.9	U	7.9	
a-Chlordane	94	4,200	< 4.2	4.2	U	4.2	< 4.0	4.0	U	4.0	< 3.8	3.8	U	3.8	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	-	-	-	-	< 3.9	3.9	U	3.9	
Aldrin	5	97	< 4.2	4.2	U	4.2	< 4.0	4.0	U	4.0	< 3.8	3.8	U	3.8	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	-	-	-	-	< 3.9	3.9	U	3.9	
b-BHC	36	360	< 8.5	8.5	U	8.5	< 8.0	8.0	U	8.0	< 7.6	7.6	U	7.6	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	-	-	-	-	< 7.9	7.9	U	7.9	
Chlordane	94	4,200	< 4.2	4.2	U	4.2	< 4.0	4.0	U	4.0	< 3.8	3.8	U	3.8	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	-	-	-	-	< 3.9	3.9	U	3.9	
d-BHC	40	100,000	< 8.5	8.5	U	8.5	< 8.0	8.0	U	8.0	< 7.6	7.6	U	7.6	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	-	-	-	-	< 7.9	7.9	U	7.9	
Dieldrin	5	200	< 4.2	4.2	U	4.2	< 4.0	4.0	U	4.0	< 3.8	3.8	U	3.8	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	-	-	-	-	< 3.9	3.9	U	3.9	
Endosulfan I	2,400	24,000	< 8.5	8.5	U	8.5	< 8.0	8.0	U	8.0	< 7.6	7.6	U	7.6	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	-	-	-	-	< 7.9	7.9	U	7.9	
Endosulfan II	2,400	24,000	< 8.5	8.5	U	8.5	< 8.0	8.0	U	8.0	< 7.6	7.6	U	7.6	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	-	-	-	-	< 7.9	7.9	U	7.9	
Endosulfan sulfate	2,400	24,000	< 8.5	8.5	U	8.5	< 8.0	8.0	U	8.0	< 7.6	7.6	U	7.6	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	-	-	-	-	< 7.9	7.9	U	7.9	
Endrin	14	11,000	< 8.5	8.5	U	8.5	< 8.0	8.0	U	8.0	< 7.6	7.6	U	7.6	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	-	-	-	-	< 7.9	7.9	U	7.9	
Endrin aldehyde			< 8.5	8.5	U	8.5	< 8.0	8.0	U	8.0	< 7.6	7.6	U	7.6	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	-	-	-	-	< 7.9	7.9	U	7.9	
Endrin ketone			< 8.5	8.5	U	8.5	< 8.0	8.0	U	8.0	< 7.6	7.6	U	7.6	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	-	-	-	-	< 7.9	7.9	U	7.9	
g-BHC			< 1.7	1.7	U	1.7	< 1.6	1.6	U	1.6	< 1.5	1.5	U	1.5	< 1.6	1.6	U	1.6	< 1.4	1.4	U	1.4	-	-	-	-	< 1.6	1.6	U	1.6	
g-Chlordane			< 4.2	4.2	U	4.2	< 4.0	4.0	U	4.0	< 3.8	3.8	U	3.8	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	-	-	-	-	< 3.9	3.9	U	3.9	
Heptachlor	42	2,100	< 8.5	8.5	U	8.5	< 8.0	8.0	U	8.0	< 7.6	7.6	U	7.6	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	-	-	-	-	< 7.9	7.9	U	7.9	
Heptachlor epoxide			< 8.5	8.5	U	8.5	< 8.0	8.0	U	8.0	< 7.6	7.6	U	7.6	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	-	-	-	-	< 7.9	7.9	U	7.9	
Methoxychlor			< 4.2	4.2	U	4.2	< 4.0	4.0	U	4.0	< 3.8	3.8	U	3.8	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	-	-	-	-	< 3.9	3.9	U	3.9	
Toxaphene			< 170	170	U	170	< 160	160	U	160	< 150	150	U	150	< 160	160	U	160	< 140	140	U	140	-	-	-	-	< 160	160	U	160	
PCB-1016	100	1,000	< 85	85	U	85	< 80	80	U	80	< 76	76	U	76	< 78	78	U	78	< 72	72	U	72	< 74	74	U	74	< 79	79	U	79	
PCB-1221	100	1,000	< 85	85	U	85	< 80	80	U	80	< 76	76	U	76	< 78	78	U	78	< 72	72	U	72	< 74	74	U	74	< 79	79	U	79	
PCB-1232	100	1,000	< 85	85	U	85	< 80	80	U	80	< 76	76	U	76	< 78	78	U	78	< 72	72	U	72	< 74	74	U	74	< 79	79	U	79	
PCB-1242	100	1,000	< 85	85	U	85	< 80	80	U	80	< 76	76	U	76	< 78	78	U	78	< 72	72	U	72	< 74	74	U	74	< 79	79	U	79	
PCB-1248	100	1,000	< 85	85	U	85	< 80	80	U	80	< 76	76	U	76	< 78	78	U	78	< 72	72	U	72	< 74	74	U	74	< 79	79	U	79	
PCB-1254	100	1,000	< 85	85	U	85	< 80	80	U	80	< 76	76	U	76	< 78	78	U	78	< 72	72	U	72	< 74	74	U	74	< 79	79	U	79	
PCB-1260	100	1,000	< 85	85	U	85	< 80	80	U	80	< 76	76	U	76	< 78	78	U	78	< 72	72	U	72	< 74	74	U	74	< 79	79	U	79	
PCB-1262	100	1,000	< 85	85	U	85	< 80	80	U	80	< 76	76	U	76	< 78	78	U	78	< 72	72	U	72	< 74	74	U	74	< 79	79	U	79	
PCB-1268	100	1,000	< 85	85	U	85	< 80	80	U	80	< 76	76	U	76	< 78	78	U	78	< 72	72	U	72	< 74	74	U	74	< 79	79	U	79	

Notes:

- * - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
- RL- Reporting Limit
- U- The compound was analyzed for but not detected at or above the MDL.
- J- The value is estimated.
- N- The concentration is based on the response to the nearest internal.

- S- This compound is a solvent that is used in the laboratory.
- D- The reported concentration is the result of a diluted analysis.

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

TABLE 5
Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B7				15B8								15B9				15B10				
			(12-14') 11/11/2016				(0-2') 11/10/2016				(12-14') 11/10/2016				(3-5') 11/14/2016				(10-15') 11/14/2016				
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg				
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	
Pesticides	4,4' -DDD	3.3	13,000	< 2.4	2.4	U	2.4	-	-	-	-	< 2.4	2.4	U	2.4	< 2.2	2.2	U	2.2	< 2.2	2.2	U	2.2
	4,4' -DDE	3.3	8,900	< 2.4	2.4	U	2.4	-	-	-	-	< 2.4	2.4	U	2.4	< 2.2	2.2	U	2.2	< 2.2	2.2	U	2.2
	4,4' -DDT	3.3	7,900	< 2.4	2.4	U	2.4	-	-	-	-	< 2.4	2.4	U	2.4	< 2.2	2.2	U	2.2	< 2.2	2.2	U	2.2
	a-BHC	20	480	< 7.8	7.8	U	7.8	-	-	-	-	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4
	a-Chlordane	94	4,200	< 3.9	3.9	U	3.9	-	-	-	-	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7
	Aldrin	5	97	< 3.9	3.9	U	3.9	-	-	-	-	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7
	b-BHC	36	360	< 7.8	7.8	U	7.8	-	-	-	-	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4
	Chlordane	94	4,200	< 39	39	U	39	-	-	-	-	< 39	39	U	39	< 36	36	U	36	< 37	37	U	37
	d-BHC	40	100,000	< 7.8	7.8	U	7.8	-	-	-	-	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4
	Dieldrin	5	200	< 3.9	3.9	U	3.9	-	-	-	-	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7
	Endosulfan I	2,400	24,000	< 7.8	7.8	U	7.8	-	-	-	-	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4
	Endosulfan II	2,400	24,000	< 7.8	7.8	U	7.8	-	-	-	-	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4
	Endosulfan sulfate	2,400	24,000	< 7.8	7.8	U	7.8	-	-	-	-	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4
	Endrin	14	11,000	< 7.8	7.8	U	7.8	-	-	-	-	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4
	Endrin aldehyde			< 7.8	7.8	U	7.8	-	-	-	-	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4
	Endrin ketone			< 7.8	7.8	U	7.8	-	-	-	-	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4
	g-BHC			< 1.6	1.6	U	1.6	-	-	-	-	< 1.6	1.6	U	1.6	< 5.0	5.0	U	5.0	< 1.5	1.5	U	1.5
	g-Chlordane			< 3.9	3.9	U	3.9	-	-	-	-	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7
	Heptachlor	42	2,100	< 7.8	7.8	U	7.8	-	-	-	-	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4
	Heptachlor epoxide			< 7.8	7.8	U	7.8	-	-	-	-	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4
Methoxychlor			< 39	39	U	39	-	-	-	-	< 39	39	U	39	< 36	36	U	36	< 37	37	U	37	
Toxaphene			< 160	160	U	160	-	-	-	-	< 160	160	U	160	< 140	140	U	140	< 150	150	U	150	
PCBs	PCB-1016	100	1,000	< 78	78	U	78	< 75	75	U	75	< 79	79	U	79	< 72	72	U	72	< 74	74	U	74
	PCB-1221	100	1,000	< 78	78	U	78	< 75	75	U	75	< 79	79	U	79	< 72	72	U	72	< 74	74	U	74
	PCB-1232	100	1,000	< 78	78	U	78	< 75	75	U	75	< 79	79	U	79	< 72	72	U	72	< 74	74	U	74
	PCB-1242	100	1,000	< 78	78	U	78	< 75	75	U	75	< 79	79	U	79	< 72	72	U	72	< 74	74	U	74
	PCB-1248	100	1,000	< 78	78	U	78	< 75	75	U	75	< 79	79	U	79	< 72	72	U	72	< 74	74	U	74
	PCB-1254	100	1,000	< 78	78	U	78	< 75	75	U	75	< 79	79	U	79	< 72	72	U	72	< 74	74	U	74
	PCB-1260	100	1,000	< 78	78	U	78	< 75	75	U	75	< 79	79	U	79	< 72	72	U	72	< 74	74	U	74
	PCB-1262	100	1,000	< 78	78	U	78	< 75	75	U	75	< 79	79	U	79	< 72	72	U	72	< 74	74	U	74
	PCB-1268	100	1,000	< 78	78	U	78	< 75	75	U	75	< 79	79	U	79	< 72	72	U	72	< 74	74	U	74

Notes:

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

RL- Reporting Limit

U- The compound was analyzed for but not detected at or above the MDL.

J- The value is estimated.

N- The concentration is based on the response fo the nearest internal.

S- This compound is a solvent that is used in the laboratory.

D- The reported concentration is the result of a diluted analysis.

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

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

TABLE 5
Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B11								15B12				15B13				15B14								
			(0-2') 11/10/2016				(12-14') 11/10/2016				(12-14') 11/10/2016				(12-14') 11/10/2016				(1-3') 11/10/2016				(12-14') 11/10/2016				
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg				
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	
Pesticides	4,4' -DDD	3.3	13,000	< 30	30	U	30	-	-	-	-	< 2.3	2.3	U	2.3	< 2.4	2.4	U	2.4	< 10	10	U	10	-	-	-	-
	4,4' -DDE	3.3	8,900	< 15	15	U	15	-	-	-	-	< 2.3	2.3	U	2.3	< 2.4	2.4	U	2.4	< 3.0	3.0	U	3.0	-	-	-	-
	4,4' -DDT	3.3	7,900	< 20	20	U	20	-	-	-	-	< 2.3	2.3	U	2.3	< 2.4	2.4	U	2.4	< 2.1	2.1	U	2.1	-	-	-	-
	a-BHC	20	480	< 10	10	U	10	-	-	-	-	< 7.7	7.7	U	7.7	< 8.1	8.1	U	8.1	< 7.2	7.2	U	7.2	-	-	-	-
	a-Chlordane	94	4,200	< 3.7	3.7	U	3.7	-	-	-	-	< 3.9	3.9	U	3.9	< 4.0	4.0	U	4.0	< 3.6	3.6	U	3.6	-	-	-	-
	Aldrin	5	97	< 3.7	3.7	U	3.7	-	-	-	-	< 3.9	3.9	U	3.9	< 4.0	4.0	U	4.0	< 3.6	3.6	U	3.6	-	-	-	-
	b-BHC	36	360	< 7.5	7.5	U	7.5	-	-	-	-	< 7.7	7.7	U	7.7	< 8.1	8.1	U	8.1	< 7.2	7.2	U	7.2	-	-	-	-
	Chlordane	94	4,200	< 37	37	U	37	-	-	-	-	< 39	39	U	39	< 40	40	U	40	< 36	36	U	36	-	-	-	-
	d-BHC	40	100,000	< 7.5	7.5	U	7.5	-	-	-	-	< 7.7	7.7	U	7.7	< 8.1	8.1	U	8.1	< 7.2	7.2	U	7.2	-	-	-	-
	Dieldrin	5	200	< 10	10	U	10	-	-	-	-	< 3.9	3.9	U	3.9	< 4.0	4.0	U	4.0	< 3.6	3.6	U	3.6	-	-	-	-
	Endosulfan I	2,400	24,000	< 7.5	7.5	U	7.5	-	-	-	-	< 7.7	7.7	U	7.7	< 8.1	8.1	U	8.1	< 7.2	7.2	U	7.2	-	-	-	-
	Endosulfan II	2,400	24,000	< 7.5	7.5	U	7.5	-	-	-	-	< 7.7	7.7	U	7.7	< 8.1	8.1	U	8.1	< 7.2	7.2	U	7.2	-	-	-	-
	Endosulfan sulfate	2,400	24,000	< 7.5	7.5	U	7.5	-	-	-	-	< 7.7	7.7	U	7.7	< 8.1	8.1	U	8.1	< 7.2	7.2	U	7.2	-	-	-	-
	Endrin	14	11,000	< 7.5	7.5	U	7.5	-	-	-	-	< 7.7	7.7	U	7.7	< 8.1	8.1	U	8.1	< 7.2	7.2	U	7.2	-	-	-	-
	Endrin aldehyde			< 20	20	U	20	-	-	-	-	< 7.7	7.7	U	7.7	< 8.1	8.1	U	8.1	< 7.2	7.2	U	7.2	-	-	-	-
	Endrin ketone			< 7.5	7.5	U	7.5	-	-	-	-	< 7.7	7.7	U	7.7	< 8.1	8.1	U	8.1	< 7.2	7.2	U	7.2	-	-	-	-
	g-BHC			< 1.5	1.5	U	1.5	-	-	-	-	< 1.5	1.5	U	1.5	< 1.6	1.6	U	1.6	< 1.4	1.4	U	1.4	-	-	-	-
	g-Chlordane			< 3.7	3.7	U	3.7	-	-	-	-	< 3.9	3.9	U	3.9	< 4.0	4.0	U	4.0	< 3.6	3.6	U	3.6	-	-	-	-
Heptachlor	42	2,100	< 7.5	7.5	U	7.5	-	-	-	-	< 7.7	7.7	U	7.7	< 8.1	8.1	U	8.1	< 7.2	7.2	U	7.2	-	-	-	-	
Heptachlor epoxide			< 7.5	7.5	U	7.5	-	-	-	-	< 7.7	7.7	U	7.7	< 8.1	8.1	U	8.1	< 7.2	7.2	U	7.2	-	-	-	-	
Methoxychlor			< 37	37	U	37	-	-	-	-	< 39	39	U	39	< 40	40	U	40	< 36	36	U	36	-	-	-	-	
Toxaphene			< 150	150	U	150	-	-	-	-	< 150	150	U	150	< 160	160	U	160	< 140	140	U	140	-	-	-	-	
PCBs	PCB-1016	100	1,000	< 75	75	U	75	< 78	78	U	78	< 77	77	U	77	< 81	81	U	81	< 72	72	U	72	< 80	80	U	80
	PCB-1221	100	1,000	< 75	75	U	75	< 78	78	U	78	< 77	77	U	77	< 81	81	U	81	< 72	72	U	72	< 80	80	U	80
	PCB-1232	100	1,000	< 75	75	U	75	< 78	78	U	78	< 77	77	U	77	< 81	81	U	81	< 72	72	U	72	< 80	80	U	80
	PCB-1242	100	1,000	< 75	75	U	75	< 78	78	U	78	< 77	77	U	77	< 81	81	U	81	< 72	72	U	72	< 80	80	U	80
	PCB-1248	100	1,000	< 75	75	U	75	< 78	78	U	78	< 77	77	U	77	< 81	81	U	81	< 72	72	U	72	< 80	80	U	80
	PCB-1254	100	1,000	< 75	75	U	75	< 78	78	U	78	< 77	77	U	77	< 81	81	U	81	72	72	-	72	< 80	80	U	80
	PCB-1260	100	1,000	350	75	-	75	< 78	78	U	78	< 77	77	U	77	< 81	81	U	81	< 72	72	U	72	< 80	80	U	80
	PCB-1262	100	1,000	< 75	75	U	75	< 78	78	U	78	< 77	77	U	77	< 81	81	U	81	< 72	72	U	72	< 80	80	U	80
	PCB-1268	100	1,000	< 75	75	U	75	< 78	78	U	78	< 77	77	U	77	< 81	81	U	81	< 72	72	U	72	< 80	80	U	80

Notes:
 * - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
 RL- Reporting Limit
 U- The compound was analyzed for but not detected at or above the MDL.
 J- The value is estimated.
 N- The concentration is based on the response fo the nearest internal.

S- This compound is a solvent that is used in the laboratory.
 D- The reported concentration is the result of a diluted analysis.

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

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

TABLE 5
Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B19				15B20								Duplicate 15B20				Duplicate 2 15B7				Duplicate 3 15B19				Duplicate 4 15B2			
			(0-2) 11/14/2016				(0-2) 11/10/2016				(12-14) 11/10/2016				(12-14) 11/10/2016				(12-14) 11/11/2016				(0-2) 11/14/2016				(12-14) 11/14/2016			
			µg/Kg	RL	Qual	MDL	µg/Kg	RL	Qual	MDL	µg/Kg	RL	Qual	MDL	µg/Kg	RL	Qual	MDL	µg/Kg	RL	Qual	MDL	µg/Kg	RL	Qual	MDL	µg/Kg	RL	Qual	MDL
4,4' -DDD	3.3	13,000	< 2.2	2.2	U	2.2	< 2.2	2.2	U	2.2	-	-	-	-	< 2.2	2.2	U	2.2	< 2.3	2.3	U	2.3	< 2.2	2.2	U	2.2	< 2.4	2.4	U	2.4
4,4' -DDE	3.3	8,900	< 2.2	2.2	U	2.2	< 2.2	2.2	U	2.2	-	-	-	-	< 2.2	2.2	U	2.2	< 2.3	2.3	U	2.3	< 4.0	4.0	U	4.0	< 2.4	2.4	U	2.4
4,4' -DDT	3.3	7,900	7.7	2.2	-	2.2	< 2.2	2.2	U	2.2	-	-	-	-	< 2.2	2.2	U	2.2	< 2.3	2.3	U	2.3	< 15	15	U	15	< 2.4	2.4	U	2.4
a-BHC	20	480	< 7.2	7.2	U	7.2	< 7.2	7.2	U	7.2	-	-	-	-	< 7.4	7.4	U	7.4	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	< 8.2	8.2	U	8.2
a-Chlordane	94	4,200	< 3.6	3.6	U	3.6	< 3.6	3.6	U	3.6	-	-	-	-	< 3.7	3.7	U	3.7	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	< 4.1	4.1	U	4.1
Aldrin	5	97	< 3.6	3.6	U	3.6	< 3.6	3.6	U	3.6	-	-	-	-	< 3.7	3.7	U	3.7	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	< 4.1	4.1	U	4.1
b-BHC	36	360	< 7.2	7.2	U	7.2	< 7.2	7.2	U	7.2	-	-	-	-	< 7.4	7.4	U	7.4	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	< 8.2	8.2	U	8.2
Chlordane	94	4,200	< 36	36	U	36	< 36	36	U	36	-	-	-	-	< 37	37	U	37	< 39	39	U	39	< 36	36	U	36	< 41	41	U	41
d-BHC	40	100,000	< 7.2	7.2	U	7.2	< 7.2	7.2	U	7.2	-	-	-	-	< 7.4	7.4	U	7.4	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	< 8.2	8.2	U	8.2
Dieldrin	5	200	< 3.6	3.6	U	3.6	< 3.6	3.6	U	3.6	-	-	-	-	< 3.7	3.7	U	3.7	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	< 4.1	4.1	U	4.1
Endosulfan I	2,400	24,000	< 7.2	7.2	U	7.2	< 7.2	7.2	U	7.2	-	-	-	-	< 7.4	7.4	U	7.4	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	< 8.2	8.2	U	8.2
Endosulfan II	2,400	24,000	< 7.2	7.2	U	7.2	< 7.2	7.2	U	7.2	-	-	-	-	< 7.4	7.4	U	7.4	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	< 8.2	8.2	U	8.2
Endosulfan sulfate	2,400	24,000	< 7.2	7.2	U	7.2	< 7.2	7.2	U	7.2	-	-	-	-	< 7.4	7.4	U	7.4	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	< 8.2	8.2	U	8.2
Endrin	14	11,000	< 7.2	7.2	U	7.2	< 7.2	7.2	U	7.2	-	-	-	-	< 7.4	7.4	U	7.4	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	< 8.2	8.2	U	8.2
Endrin aldehyde			< 7.2	7.2	U	7.2	< 7.2	7.2	U	7.2	-	-	-	-	< 7.4	7.4	U	7.4	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	< 8.2	8.2	U	8.2
Endrin ketone			< 7.2	7.2	U	7.2	< 7.2	7.2	U	7.2	-	-	-	-	< 7.4	7.4	U	7.4	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	< 8.2	8.2	U	8.2
g-BHC			< 1.4	1.4	U	1.4	< 1.4	1.4	U	1.4	-	-	-	-	< 1.5	1.5	U	1.5	< 1.6	1.6	U	1.6	< 1.4	1.4	U	1.4	< 1.6	1.6	U	1.6
g-Chlordane			< 3.6	3.6	U	3.6	< 3.6	3.6	U	3.6	-	-	-	-	< 3.7	3.7	U	3.7	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	< 4.1	4.1	U	4.1
Heptachlor	42	2,100	< 7.2	7.2	U	7.2	< 7.2	7.2	U	7.2	-	-	-	-	< 7.4	7.4	U	7.4	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	< 8.2	8.2	U	8.2
Heptachlor epoxide			< 7.2	7.2	U	7.2	< 7.2	7.2	U	7.2	-	-	-	-	< 7.4	7.4	U	7.4	< 7.8	7.8	U	7.8	< 7.2	7.2	U	7.2	< 8.2	8.2	U	8.2
Methoxychlor			< 36	36	U	36	< 36	36	U	36	-	-	-	-	< 37	37	U	37	< 39	39	U	39	< 36	36	U	36	< 41	41	U	41
Toxaphene			< 140	140	U	140	< 140	140	U	140	-	-	-	-	< 150	150	U	150	< 160	160	U	160	< 140	140	U	140	< 160	160	U	160
PCB-1016	100	1,000	< 72	72	U	72	< 72	72	U	72	< 76	76	U	76	< 74	74	U	74	< 78	78	U	78	< 72	72	U	72	< 82	82	U	82
PCB-1221	100	1,000	< 72	72	U	72	< 72	72	U	72	< 76	76	U	76	< 74	74	U	74	< 78	78	U	78	< 72	72	U	72	< 82	82	U	82
PCB-1232	100	1,000	< 72	72	U	72	< 72	72	U	72	< 76	76	U	76	< 74	74	U	74	< 78	78	U	78	< 72	72	U	72	< 82	82	U	82
PCB-1242	100	1,000	< 72	72	U	72	< 72	72	U	72	< 76	76	U	76	< 74	74	U	74	< 78	78	U	78	< 72	72	U	72	< 82	82	U	82
PCB-1248	100	1,000	< 72	72	U	72	< 72	72	U	72	< 76	76	U	76	< 74	74	U	74	< 78	78	U	78	< 72	72	U	72	< 82	82	U	82
PCB-1254	100	1,000	< 72	72	U	72	< 72	72	U	72	< 76	76	U	76	< 74	74	U	74	< 78	78	U	78	< 72	72	U	72	< 82	82	U	82
PCB-1260	100	1,000	< 72	72	U	72	< 72	72	U	72	< 76	76	U	76	< 74	74	U	74	< 78	78	U	78	< 72	72	U	72	< 82	82	U	82
PCB-1262	100	1,000	< 72	72	U	72	< 72	72	U	72	< 76	76	U	76	< 74	74	U	74	< 78	78	U	78	< 72	72	U	72	< 82	82	U	82
PCB-1268	100	1,000	< 72	72	U	72	< 72	72	U	72	< 76	76	U	76	< 74	74	U	74	< 78	78	U	78	< 72	72	U	72	< 82	82	U	82

Notes:
 * - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
 RL- Reporting Limit
 U- The compound was analyzed for but not detected at or above the MDL.
 J- The value is estimated.
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S- This compound is a solvent that is used in the laboratory.
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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSO Guidance Value

TABLE 6
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B1												15B2												15B3						15B4											
			(12-14) 11/14/2016						(18-20) 11/14/2016						(12-14) 11/14/2016						(22.5-25') 11/14/2016						(12-14) 11/14/2016						(15-17) 11/14/2016						(18-20) 11/14/2016					
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg							
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL						
Aluminum			12,600	40	-	8.0	3,690	37	-	7.4	4,150	42	-	8.3	5,080	40	-	8.0	6,860	40	-	8.1	5,130	40	-	7.9	7,580	42	-	8.4	4,020	39	-	7.7										
Antimony			< 2.0	2.0	U	2.0	< 1.9	1.9	U	1.9	< 2.1	2.1	U	2.1	< 2.0	2.0	U	2.0	< 2.0	2.0	U	2.0	< 2.0	2.0	U	2.0	< 2.1	2.1	U	2.1	< 1.9	1.9	U	1.9										
Arsenic	13	16	1.72	0.80	-	0.80	1.19	0.74	-	0.74	1.41	0.83	-	0.83	1.09	0.80	-	0.80	1.44	0.81	-	0.81	1.17	0.79	-	0.79	1.33	0.84	-	0.84	1.33	0.77	-	0.77										
Barium	350	350	62.1	0.8	-	0.40	18.4	0.7	-	0.37	44.3	0.8	-	0.42	25.4	0.8	-	0.40	41.6	0.8	-	0.40	36.2	0.8	-	0.40	42.3	0.8	-	0.42	24.1	0.8	-	0.39										
Beryllium	7.2	14	0.51	0.32	-	0.16	< 0.30	0.30	U	0.15	0.35	0.33	-	0.17	0.19	0.32	B	0.16	0.3	0.32	B	0.16	0.22	0.32	B	0.16	0.32	0.34	B	0.17	0.19	0.31	B	0.15										
Cadmium	2.5	2.5	< 0.40	0.40	U	0.40	< 0.37	0.37	U	0.37	< 0.42	0.42	U	0.42	< 0.40	0.40	U	0.40	< 0.40	0.40	U	0.40	< 0.40	0.40	U	0.40	< 0.42	0.42	U	0.42	< 0.39	0.39	U	0.39										
Calcium			1,440	40	-	37	468	3.7	-	3.4	1,170	4.2	-	3.8	750	40	-	37	2,020	4.0	-	3.7	1,660	4.0	-	3.7	1,300	4.2	-	3.9	819	3.9	-	3.6										
Chromium	30	180	33.3	0.40	-	0.40	5.75	0.37	-	0.37	19.6	0.42	-	0.42	10.9	0.40	-	0.40	20.7	0.40	-	0.40	13.9	0.40	-	0.40	18.6	0.42	-	0.42	8.39	0.39	-	0.39										
Cobalt			11.8	0.40	-	0.40	3.19	0.37	-	0.37	8.8	0.42	-	0.42	4.95	0.40	-	0.40	8.31	0.40	-	0.40	6.37	0.40	-	0.40	7.98	0.42	-	0.42	4.48	0.39	-	0.39										
Copper	50	270	21	0.40	-	0.40	6.2	0.37	-	0.37	13.9	0.42	-	0.42	8.23	0.40	-	0.40	13.8	0.40	-	0.40	9.87	0.40	-	0.40	12	0.42	-	0.42	7.52	0.39	-	0.39										
Iron			24,100	40	-	40	7,760	37	-	37	8,490	42	-	42	9,490	40	-	40	16,100	40	-	40	13,100	40	-	40	16,400	42	-	42	9,700	39	-	39										
Lead	63	400	7.6	0.8	-	0.40	1	0.7	-	0.37	4.4	0.8	-	0.42	1.4	0.8	-	0.40	2.2	0.8	-	0.40	1.5	0.8	-	0.40	1.9	0.8	-	0.42	1.5	0.8	-	0.39										
Magnesium			4,100	4.0	-	4.0	1,320	37	-	37	1,650	42	-	42	1,910	4.0	-	4.0	3,080	4.0	-	4.0	2,250	4.0	-	4.0	3,290	4.2	-	4.2	1,450	3.9	-	3.9										
Manganese	1,600	2,000	348	4.0	-	4.0	74.9	0.37	-	0.37	237	4.2	-	4.2	175	4.0	-	4.0	332	4.0	-	4.0	356	4.0	-	4.0	441	4.2	-	4.2	156	3.9	-	3.9										
Mercury	0.18	0.81	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02										
Nickel	30	140	15.8	0.40	-	0.40	6.98	0.37	-	0.37	14.8	0.42	-	0.42	8.76	0.40	-	0.40	14	0.40	-	0.40	11	0.40	-	0.40	13.8	0.42	-	0.42	8.09	0.39	-	0.39										
Potassium			2,740	8	-	3.1	436	7	-	2.9	1,840	8	-	3.3	943	8	-	3.1	1,750	8	-	3.1	1,280	8	-	3.1	1,700	8	-	3.3	490	8	-	3.0										
Selenium	3.9	36	< 1.6	1.6	U	1.4	< 1.5	1.5	U	1.3	< 1.7	1.7	U	1.4	< 1.6	1.6	U	1.4	< 1.6	1.6	U	1.4	< 1.6	1.6	U	1.3	< 1.7	1.7	U	1.4	< 1.5	1.5	U	1.3										
Silver	2	36	< 0.40	0.40	U	0.40	< 0.37	0.37	U	0.37	< 0.42	0.42	U	0.42	< 0.40	0.40	U	0.40	< 0.40	0.40	U	0.40	< 0.40	0.40	U	0.40	< 0.42	0.42	U	0.42	< 0.39	0.39	U	0.39										
Sodium			313	8	-	3.4	198	7	-	3.2	341	8	-	3.6	168	8	-	3.4	194	8	-	3.5	202	8	-	3.4	323	8	-	3.6	123	8	-	3.3										
Thallium			< 1.6	1.6	U	1.6	< 1.5	1.5	U	1.5	< 1.7	1.7	U	1.7	< 1.6	1.6	U	1.6	< 1.6	1.6	U	1.6	< 1.6	1.6	U	1.6	< 1.7	1.7	U	1.7	< 1.5	1.5	U	1.5										
Vanadium			37.7	0.40	-	0.40		0.37	-	0.37	29.3	0.42	-	0.42	14.7	0.40	-	0.40	27.9	0.40	-	0.40	21.5	0.40	-	0.40	27	0.42	-	0.42	14.7	0.39	-	0.39										
Zinc	109	2,200	49.4	0.8	-	0.40	12.9	0.7	-	0.37	36.2	0.8	-	0.42	20.5	0.8	-	0.40	35	0.8	-	0.40	25.6	0.8	-	0.40	35	0.8	-	0.42	15.5	0.8	-	0.39										

Notes:

- * - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
- RL- Reporting Limit
- U- The compound was analyzed for but not detected at or above the MDL.
- J- The value is estimated.
- N- The concentration is based on the response to the nearest internal.

- S- This compound is a solvent that is used in the laboratory.
- D- The reported concentration is the result of a diluted analysis.
- Bold/highlighted**- Indicated exceedance of the NYSDEC UUSCO Guidance Value
- Bold/highlighted**- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 6
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B5												15B6							
			(0-2') 11/10/2016				(12-14') 11/10/2016				(15-17') 11/10/2016				(5-7') 11/11/2016				(12-14') 11/11/2016			
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Aluminum			6,370	37	-	7.3	4,610	38	-	7.6	2,810	40	-	7.9	4,400	31	-	6.2	6,630	37	-	7.4
Antimony			< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 1.6	1.6	U	1.6	< 1.9	1.9	U	1.9
Arsenic	13	16	5.88	0.73	-	0.73	0.89	0.76	-	0.76	< 0.79	0.79	U	0.79	1.25	0.62	-	0.62	1.24	0.74	-	0.74
Barium	350	350	91.2	0.7	-	0.37	24.6	0.8	-	0.38	16.2	0.8	-	0.40	12.5	0.6	-	0.31	37	0.7	-	0.37
Beryllium	7.2	14	0.36	0.29	-	0.15	0.22	0.30	B	0.15	< 0.32	0.32	U	0.16	0.2	0.25	B	0.12	0.33	0.30	-	0.15
Cadmium	2.5	2.5	0.98	0.37	-	0.37	< 0.38	0.38	U	0.38	< 0.40	0.40	U	0.40	< 0.31	0.31	U	0.31	< 0.37	0.37	U	0.37
Calcium			15,400	37	-	34	1,070	3.8	-	3.5	317	4.0	-	3.7	655	3.1	-	2.9	1,030	3.7	-	3.4
Chromium	30	180	15.1	0.37	-	0.37	9.97	0.38	-	0.38	5.31	0.40	-	0.40	8.72	0.31	-	0.31	20	0.37	-	0.37
Cobalt			5.15	0.37	-	0.37	9.15	0.38	-	0.38	2.69	0.40	-	0.40	3.45	0.31	-	0.31	7.14	0.37	-	0.37
Copper	50	270	71	0.37	-	0.37	6.78	0.38	-	0.38	4.65	0.40	-	0.40	9.27	0.31	-	0.31	10.9	0.37	-	0.37
Iron			15,300	37	-	37	12,100	38	-	38	5,430	4.0	-	4.0	7,640	3.1	-	3.1	13,800	37	-	37
Lead	63	400	228	7.3	-	3.7	1.4	0.7	-	0.36	0.7	0.8	B	0.40	1.6	0.6	-	0.31	1.5	0.7	-	0.37
Magnesium			5,190	3.7	-	3.7	2,050	3.8	-	3.8	1,160	4.0	-	4.0	1,710	3.1	-	3.1	2,510	3.7	-	3.7
Manganese	1,600	2,000	309	3.7	-	3.7	694	3.8	-	3.8	106	0.40	-	0.40	73.8	0.31	N	0.31	525	3.7	N	3.7
Mercury	0.18	0.81	0.49	0.03	-	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02
Nickel	30	140	13.9	0.37	-	0.37	8.26	0.38	-	0.38	5.23	0.40	-	0.40	7.91	0.31	-	0.31	11.9	0.37	-	0.37
Potassium			710	7	N	2.9	844	8	N	3.0	351	8	N	3.1	598	6	N	2.4	1,240	7	N	2.9
Selenium	3.9	36	< 1.5	1.5	U	1.2	< 1.5	1.5	U	1.3	< 1.6	1.6	U	1.4	< 1.2	1.2	U	1.1	< 1.5	1.5	U	1.3
Silver	2	36	< 0.37	0.37	U	0.37	< 0.38	0.38	U	0.38	< 0.40	0.40	U	0.40	< 0.31	0.31	U	0.31	< 0.37	0.37	U	0.37
Sodium			132	7	-	3.2	108	8	-	3.3	69	8	-	3.4	89	6	N	2.7	146	74	N	32
Thallium			< 1.5	1.5	U	1.5	< 1.5	1.5	U	1.5	< 1.6	1.6	U	1.6	< 1.2	1.2	U	1.2	< 1.5	1.5	U	1.5
Vanadium			20.6	0.37	-	0.37	12.6	0.38	-	0.38	6.39	0.40	-	0.40	12.1	0.31	-	0.31	27.1	0.37	-	0.37
Zinc	109	2,200	261	7.3	-	3.7	19.6	0.8	-	0.38	10.9	0.8	-	0.40	37	0.6	-	0.31	27.8	0.7	-	0.37

Notes:

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

RL- Reporting Limit

U- The compound was analyzed for but not detected at or above the MDL.

J- The value is estimated.

N- The concentration is based on the response for the nearest internal.

S- This compound is a solvent that is used in the laboratory.

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

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

TABLE 6
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B7												15B8							
			(12-14') 11/11/2016				(18-20') 11/11/2016				(23-25') 11/11/2016				(0-2') 11/10/2016				(12-14') 11/10/2016			
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Aluminum			7,000	39	-	7.8	4,270	36	-	7.3	4,250	41	-	8.3	7,470	37	-	7.4	4,390	42	-	8.4
Antimony			< 2.0	2.0	U	2.0	< 1.8	1.8	U	1.8	< 2.1	2.1	U	2.1	< 1.9	1.9	U	1.9	< 2.1	2.1	U	2.1
Arsenic	13	16	1.21	0.78	-	0.78	0.9	0.73	-	0.73	0.97	0.83	-	0.83	6	0.74	-	0.74	1.11	0.84	-	0.84
Barium	350	350	29.2	0.8	-	0.39	22.5	0.7	-	0.36	21.3	0.8	-	0.41	76.4	0.7	-	0.37	38.6	0.8	-	0.42
Beryllium	7.2	14	0.31	0.31	-	0.16	0.21	0.29	B	0.15	0.2	0.33	B	0.17	0.44	0.30	-	0.15	0.21	0.33	B	0.17
Cadmium	2.5	2.5	< 0.39	0.39	U	0.39	< 0.36	0.36	U	0.36	< 0.41	0.41	U	0.41	0.67	0.37	-	0.37	< 0.42	0.42	U	0.42
Calcium			911	3.9	-	3.6	969	3.6	-	3.3	1,390	4.1	-	3.8	1,870	3.7	-	3.4	1,100	4.2	-	3.8
Chromium	30	180	21.7	0.39	-	0.39	11.8	0.36	-	0.36	9.84	0.41	-	0.41	14.9	0.37	-	0.37	9.81	0.42	-	0.42
Cobalt			6.08	0.39	-	0.39	5.53	0.36	-	0.36	4.33	0.41	-	0.41	5.99	0.37	-	0.37	4.95	0.42	-	0.42
Copper	50	270	10.5	0.39	-	0.39	8.59	0.36	-	0.36	6.65	0.41	-	0.41	68.1	0.37	-	0.37	8.44	0.42	-	0.42
Iron			13,500	39	-	39	11,100	36	-	36	14,400	41	-	41	13,500	37	-	37	10,700	42	-	42
Lead	63	400	1.3	0.8	-	0.39	3.5	0.7	-	0.36	1.2	0.8	-	0.41	196	7.4	-	3.7	1.2	0.8	-	0.41
Magnesium			2,300	3.9	-	3.9	2,060	3.6	-	3.6	1,850	4.1	-	4.1	1,470	3.7	-	3.7	2,030	4.2	-	4.2
Manganese	1,600	2,000	301	3.9	N	3.9	149	3.6	N	3.6	678	4.1	N	4.1	271	3.7	-	3.7	199	4.2	-	4.2
Mercury	0.18	0.81	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	0.45	0.03	-	0.02	< 0.03	0.03	U	0.02
Nickel	30	140	9.64	0.39	-	0.39	9.72	0.36	-	0.36	8.72	0.41	-	0.41	14.7	0.37	-	0.37	9.57	0.42	-	0.42
Potassium			799	8	N	3.1	870	7	N	2.8	842	8	N	3.2	570	7	N	2.9	909	8	N	3.3
Selenium	3.9	36	< 1.6	1.6	U	1.3	< 1.5	1.5	U	1.2	< 1.7	1.7	U	1.4	< 1.5	1.5	U	1.3	< 1.7	1.7	U	1.4
Silver	2	36	< 0.39	0.39	U	0.39	< 0.36	0.36	U	0.36	< 0.41	0.41	U	0.41	< 0.37	0.37	U	0.37	< 0.42	0.42	U	0.42
Sodium			182	8	N	3.4	162	7	N	3.1	160	8	N	3.5	91	7	-	3.2	109	8	-	3.6
Thallium			< 1.6	1.6	U	1.6	< 1.5	1.5	U	1.5	< 1.7	1.7	U	1.7	< 1.5	1.5	U	1.5	< 1.7	1.7	U	1.7
Vanadium			25.1	0.39	-	0.39	17.6	0.36	-	0.36	13.7	0.41	-	0.41	16	0.37	-	0.37	15.3	0.42	-	0.42
Zinc	109	2,200	24.7	0.8	-	0.39	21.3	0.7	-	0.36	19.3	0.8	-	0.41	269	7.4	-	3.7	21	0.8	-	0.42

Notes:

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

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N- The concentration is based on the response for the nearest internal.

S- This compound is a solvent that is used in the laboratory.

D- The reported concentration is the result of a diluted analysis.

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

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

TABLE 6
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B9								15B10				15B11											
			(3-5') 11/14/2016				(10-15') 11/14/2016				(10-15') 11/14/2016				(0-2') 11/10/2016				(3-5') 11/10/2016				(12-14') 11/10/2016			
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Aluminum			6,550	39	-	7.9	4,470	35	-	7.0	4,600	35	-	6.9	7,940	34	-	6.9	6,140	38	-	7.6	4,620	41	-	8.3
Antimony			3.3	2.0	-	2.0	< 1.8	1.8	U	1.8	< 1.7	1.7	U	1.7	7.5	1.7	-	1.7	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9
Arsenic	13	16	7.72	0.79	-	0.79	1.96	0.70	-	0.70	1.28	0.69	-	0.69	7.69	0.69	-	0.69	1.15	0.76	-	0.76	1.43	0.83	-	0.83
Barium	350	350	261	0.8	-	0.39	26	0.7	-	0.35	20	0.7	-	0.35	446	0.7	-	0.34	20	0.8	-	0.38	21.5	0.8	-	0.41
Beryllium	7.2	14	0.34	0.31	-	0.16	0.21	0.28	B	0.14	0.19	0.28	B	0.14	0.39	0.27	-	0.14	0.22	0.30	B	0.15	0.22	0.33	B	0.17
Cadmium	2.5	2.5	1.6	0.39	-	0.39	< 0.35	0.35	U	0.35	< 0.35	0.35	U	0.35	7.67	0.34	-	0.34	< 0.38	0.38	U	0.38	< 0.41	0.41	U	0.41
Calcium			12,900	39	-	36	1,710	35	-	32	1,060	35	-	32	6,970	3.4	-	3.2	908	3.8	-	3.5	663	4.1	-	3.8
Chromium	30	180	20	0.39	-	0.39	15.8	0.35	-	0.35	14.9	0.35	-	0.35	31.9	0.34	-	0.34	11.3	0.38	-	0.38	11.6	0.41	-	0.41
Cobalt			6.21	0.39	-	0.39	5.26	0.35	-	0.35	4.49	0.35	-	0.35	8.49	0.34	-	0.34	4.35	0.38	-	0.38	5.14	0.41	-	0.41
Copper	50	270	170	3.9	-	3.9	11.1	0.35	-	0.35	8.89	0.35	-	0.35	266	3.4	-	3.4	8.58	0.38	-	0.38	8.73	0.41	-	0.41
Iron			14,800	39	-	39	12,800	35	-	35	11,200	35	-	35	25,900	34	-	34	9,030	3.8	-	3.8	10,800	41	-	41
Lead	63	400	399	7.9	-	3.9	2.2	0.7	-	0.35	2.2	0.7	-	0.35	754	6.9	-	3.4	1.8	0.7	-	0.36	1.1	0.8	-	0.39
Magnesium			6,810	39	-	39	1,480	3.5	-	3.5	1,530	3.5	-	3.5	2,380	3.4	-	3.4	1,920	3.8	-	3.8	1,990	4.1	-	4.1
Manganese	1,600	2,000	135	0.39	-	0.39	212	3.5	-	3.5	180	3.5	-	3.5	403	3.4	-	3.4	145	0.38	-	0.38	208	4.1	-	4.1
Mercury	0.18	0.81	0.65	0.03	-	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	0.81	0.03	-	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02
Nickel	30	140	16.6	0.39	-	0.39	10.1	0.35	-	0.35	9.29	0.35	-	0.35	29	0.34	-	0.34	9.5	0.38	-	0.38	10.6	0.41	-	0.41
Potassium			1,130	8	-	3.1	671	7	-	2.7	546	7	-	2.7	861	7	N	2.7	356	8	N	3.0	798	8	N	3.2
Selenium	3.9	36	< 1.6	1.6	U	1.3	< 1.4	1.4	U	1.2	< 1.4	1.4	U	1.2	< 1.4	1.4	U	1.2	< 1.5	1.5	U	1.3	< 1.7	1.7	U	1.4
Silver	2	36	0.46	0.39	-	0.39	< 0.35	0.35	U	0.35	< 0.35	0.35	U	0.35	0.72	0.34	-	0.34	< 0.38	0.38	U	0.38	< 0.41	0.41	U	0.41
Sodium			348	8	-	3.4	147	7	-	3.0	131	7	-	3.0	189	7	-	2.9	129	8	-	3.3	84	8	-	3.5
Thallium			< 1.6	1.6	U	1.6	< 1.4	1.4	U	1.4	< 1.4	1.4	U	1.4	< 1.4	1.4	U	1.4	< 1.5	1.5	U	1.5	< 1.7	1.7	U	1.7
Vanadium			39.7	0.39	-	0.39	30.5	0.35	-	0.35	17.1	0.35	-	0.35	25.6	0.34	-	0.34	12.3	0.38	-	0.38	13.2	0.41	-	0.41
Zinc	109	2,200	431	7.9	-	3.9	22	0.7	-	0.35	18.5	0.7	-	0.35	1,100	6.9	-	3.4	18.5	0.8	-	0.38	19.9	0.8	-	0.41

Notes:

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

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

TABLE 6
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B12								15B13				15B14											
			(12-14') 11/10/2016				(20-22') 11/10/2016				(12-14') 11/10/2016				(1-3') 11/10/2016				(12-14') 11/10/2016				(14-16') 11/10/2016			
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Aluminum			3,660	37	-	7.4	3,230	37	-	7.4	4,020	39	-	7.8	6,260	38	-	7.5	4,300	36	-	7.2	3,360	42	-	8.4
Antimony			< 2.0	2.0	U	2.0	< 1.9	1.9	U	1.9	< 1.9	1.9	U	1.9	1.8	1.8	-	1.8	< 1.8	1.8	U	1.8	< 2.0	2.0	U	2.0
Arsenic	13	16	< 0.74	0.74	U	0.74	< 0.74	0.74	U	0.74	< 0.78	0.78	U	0.78	13.7	0.75	-	0.75	1.16	0.72	-	0.72	< 0.84	0.84	U	0.84
Barium	350	350	17.6	0.7	-	0.37	17.9	0.7	-	0.37	13.3	0.8	-	0.39	105	0.8	-	0.38	22.4	0.7	-	0.36	18.6	0.8	-	0.42
Beryllium	7.2	14	0.16	0.29	B	0.15	0.17	0.30	B	0.15	< 0.31	0.31	U	0.16	0.35	0.30	-	0.15	0.21	0.29	B	0.14	< 0.33	0.33	U	0.17
Cadmium	2.5	2.5	< 0.37	0.37	U	0.37	< 0.37	0.37	U	0.37	< 0.39	0.39	U	0.39	1.27	0.38	-	0.38	< 0.36	0.36	U	0.36	< 0.42	0.42	U	0.42
Calcium			705	3.7	-	3.4	949	3.7	-	3.4	820	3.9	-	3.6	6,040	3.8	-	3.5	826	3.6	-	3.3	621	4.2	-	3.8
Chromium	30	180	10.3	0.37	-	0.37	8.47	0.37	-	0.37	7.79	0.39	-	0.39	24.5	0.38	-	0.38	11.3	0.36	-	0.36	6.65	0.42	-	0.42
Cobalt			3	0.37	-	0.37	4.47	0.37	-	0.37	3.77	0.39	-	0.39	7.77	0.38	-	0.38	4.08	0.36	-	0.36	3.63	0.42	-	0.42
Copper	50	270	6.54	0.37	-	0.37	7.31	0.37	-	0.37	8.09	0.39	-	0.39	146	0.38	-	0.38	9.43	0.36	-	0.36	7.14	0.42	-	0.42
Iron			6,240	3.7	-	3.7	8,380	3.7	-	3.7	7,020	3.9	-	3.9	24,400	38	-	38	11,400	36	-	36	7,050	4.2	-	4.2
Lead	63	400	1.9	0.8	-	0.40	1.5	0.8	-	0.39	1.1	0.8	-	0.38	232	7.5	-	3.8	1.1	0.7	-	0.37	0.8	0.8	B	0.40
Magnesium			1,400	3.7	-	3.7	1,290	3.7	-	3.7	1,910	3.9	-	3.9	1,890	3.8	-	3.8	1,670	3.6	-	3.6	1,370	4.2	-	4.2
Manganese	1,600	2,000	84.1	0.37	-	0.37	202	3.7	-	3.7	225	3.9	-	3.9	276	3.8	-	3.8	257	3.6	-	3.6	120	0.42	-	0.42
Mercury	0.18	0.81	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	0.47	0.03	-	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02
Nickel	30	140	6.72	0.37	-	0.37	7.67	0.37	-	0.37	7.95	0.39	-	0.39	21.3	0.38	-	0.38	9.18	0.36	-	0.36	7.35	0.42	-	0.42
Potassium			559	7	N	2.9	456	7	N	2.9	440	8	N	3.0	789	8	N	2.9	476	7	N	2.8	552	8	N	3.3
Selenium	3.9	36	< 1.5	1.5	U	1.3	< 1.5	1.5	U	1.3	< 1.6	1.6	U	1.3	< 1.5	1.5	U	1.3	< 1.4	1.4	U	1.2	< 1.7	1.7	U	1.4
Silver	2	36	< 0.37	0.37	U	0.37	< 0.37	0.37	U	0.37	< 0.39	0.39	U	0.39	< 0.38	0.38	U	0.38	< 0.36	0.36	U	0.36	< 0.42	0.42	U	0.42
Sodium			94	7	-	3.2	93	7	-	3.2	127	8	-	3.4	228	8	-	3.2	104	7	-	3.1	88	8	-	3.6
Thallium			< 1.5	1.5	U	1.5	< 1.5	1.5	U	1.5	< 1.6	1.6	U	1.6	< 1.5	1.5	U	1.5	< 1.4	1.4	U	1.4	< 1.7	1.7	U	1.7
Vanadium			11.6	0.37	-	0.37	12.9	0.37	-	0.37	9.78	0.39	-	0.39	21.9	0.38	-	0.38	15.2	0.36	-	0.36	10.6	0.42	-	0.42
Zinc	109	2,200	13.6	0.7	-	0.37	13.8	0.7	-	0.37	14.8	0.8	-	0.39	677	7.5	-	3.8	45.1	0.7	-	0.36	24.3	0.8	-	0.42

Notes:

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

RL- Reporting Limit

U- The compound was analyzed for but not detected at or above the MDL.

J- The value is estimated.

N- The concentration is based on the response for the nearest internal.

S- This compound is a solvent that is used in the laboratory.

D- The reported concentration is the result of a diluted analysis.

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

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

TABLE 6
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B19															
			(0-2') 11/14/2016				(12-14') 11/14/2016				(18-20') 11/14/2016				(20-25') 11/14/2016			
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Aluminum			7,860	36	-	7.2	4,690	41	-	8.3	6,590	41	-	8.2	4,810	40	-	7.9
Antimony			< 1.8	1.8	U	1.8	< 2.1	2.1	U	2.1	< 2.1	2.1	U	2.1	< 2.0	2.0	U	2.0
Arsenic	13	16	6.59	0.72	-	0.72	1.19	0.83	-	0.83	1.38	0.82	-	0.82	1.28	0.79	-	0.79
Barium	350	350	129	0.7	-	0.36	22.6	0.8	-	0.41	37	0.8	-	0.41	24.3	0.8	-	0.40
Beryllium	7.2	14	0.42	0.29	-	0.14	0.27	0.33	B	0.17	0.26	0.33	B	0.16	0.21	0.32	B	0.16
Cadmium	2.5	2.5	0.68	0.36	-	0.36	< 0.41	0.41	U	0.41	< 0.41	0.41	U	0.41	< 0.40	0.40	U	0.40
Calcium			7,640	3.6	-	3.3	909	4.1	-	3.8	1,220	4.1	-	3.8	1,190	4.0	-	3.6
Chromium	30	180	19.3	0.36	-	0.36	14.1	0.41	-	0.41	16.1	0.41	-	0.41	13.6	0.40	-	0.40
Cobalt			7.67	0.36	-	0.36	4.82	0.41	-	0.41	7.43	0.41	-	0.41	5.56	0.40	-	0.40
Copper	50	270	80.5	0.36	-	0.36	7.07	0.41	-	0.41	12.4	0.41	-	0.41	9.46	0.40	-	0.40
Iron			20,300	36	-	36	10,600	41	-	41	15,000	41	-	41	12,500	40	-	40
Lead	63	400	237	7.2	-	3.6	1.4	0.8	-	0.41	8.2	0.8	-	0.41	2.3	0.8	-	0.40
Magnesium			2,070	3.6	-	3.6	1,740	4.1	-	4.1	2,830	4.1	-	4.1	2,030	4.0	-	4.0
Manganese	1,600	2,000	345	3.6	-	3.6	170	4.1	-	4.1	327	4.1	-	4.1	203	4.0	-	4.0
Mercury	0.18	0.81	1.57	0.03	-	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02
Nickel	30	140	15.7	0.36	-	0.36	8.75	0.41	-	0.41	13.5	0.41	-	0.41	10.2	0.40	-	0.40
Potassium			1,120	7	-	2.8	792	8	-	3.2	1,530	8	-	3.2	992	8	-	3.1
Selenium	3.9	36	< 1.4	1.4	U	1.2	< 1.7	1.7	U	1.4	< 1.6	1.6	U	1.4	< 1.6	1.6	U	1.3
Silver	2	36	< 0.36	0.36	U	0.36	< 0.41	0.41	U	0.41	< 0.41	0.41	U	0.41	< 0.40	0.40	U	0.40
Sodium			227	7	-	3.1	148	8	-	3.5	157	8	-	3.5	150	8	-	3.4
Thallium			< 1.4	1.4	U	1.4	< 1.7	1.7	U	1.7	< 1.6	1.6	U	1.6	< 1.6	1.6	U	1.6
Vanadium			24.8	3.6	-	3.6	16.2	0.41	-	0.41	24.1	0.41	-	0.41	19.8	0.40	-	0.40
Zinc	109	2,200	165	7.2	-	3.6	18.7	0.8	-	0.41	30	0.8	-	0.41	21.5	0.8	-	0.40

Notes:

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

RL- Reporting Limit

U- The compound was analyzed for but not detected at or above the MDL.

J- The value is estimated.

N- The concentration is based on the response fo the nearest internal.

S- This compound is a solvent that is used in the laboratory.

D- The reported concentration is the result of a diluted analysis.

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

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

TABLE 6
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B20												Duplicate 15B20				Duplicate 2 15B7				Duplicate 3 15B19				Duplicate 4 15B2			
			(0-2') 11/10/2016						(12-14') 11/10/2016						(12-14') 11/10/2016				(12-14') 11/11/2016				(0-2') 11/14/2016				(12-14') 11/14/2016			
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Aluminum			6,120	36	-	7.2	3,090	37	-	7.4	3,140	36	-	7.2	5,940	35	-	7.1	8,170	38	-	7.5	6,770	37	-	7.4				
Antimony			< 1.7	1.7	U	1.7	< 2.0	2.0	U	2.0	< 2.0	2.0	U	2.0	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 1.9	1.9	U	1.9				
Arsenic	13	16	3.15	0.72	-	0.72	< 0.74	0.74	U	0.74	< 0.72	0.72	U	0.72	1.17	0.71	-	0.71	6.36	0.75	-	0.75	1.33	0.74	-	0.74				
Barium	350	350	53.6	0.7	-	0.36	20	0.7	-	0.37	18.5	0.7	-	0.36	24.3	0.7	-	0.35	113	0.8	-	0.38	40.3	0.7	-	0.37				
Beryllium	7.2	14	0.45	0.29	-	0.14	0.15	0.29	B	0.15	0.15	0.29	B	0.14	0.25	0.28	B	0.14	0.41	0.30	-	0.15	0.28	0.30	B	0.15				
Cadmium	2.5	2.5	0.83	0.36	-	0.36	< 0.37	0.37	U	0.37	< 0.36	0.36	U	0.36	< 0.35	0.35	U	0.35	0.58	0.38	-	0.38	< 0.37	0.37	U	0.37				
Calcium			14,900	36	-	33	423	3.7	-	3.4	468	3.6	-	3.3	814	3.5	-	3.3	6,690	3.8	-	3.5	1,090	37	-	34				
Chromium	30	180	17.5	0.36	-	0.36	5.66	0.37	-	0.37	5.49	0.36	-	0.36	18	0.35	-	0.35	20.2	0.38	-	0.38	16.7	0.37	-	0.37				
Cobalt			7.07	0.36	-	0.36	3.22	0.37	-	0.37	3.4	0.36	-	0.36	5.43	0.35	-	0.35	7.23	0.38	-	0.38	7.22	0.37	-	0.37				
Copper	50	270	41.9	0.36	-	0.36	5.9	0.37	-	0.37	6.22	0.36	-	0.36	8.44	0.35	-	0.35	73.7	0.38	-	0.38	11.6	0.37	-	0.37				
Iron			22,300	36	-	36	7,000	3.7	-	3.7	7,510	3.6	-	3.6	11,400	35	-	35	19,800	38	-	38	15,000	37	-	37				
Lead	63	400	68.4	0.7	-	0.36	1.2	0.8	-	0.39	1	0.8	-	0.39	1.3	0.7	-	0.35	243	7.5	-	3.8	2.8	0.7	-	0.37				
Magnesium			8,070	36	-	36	1,240	3.7	-	3.7	1,230	3.6	-	3.6	2,000	3.5	-	3.5	2,120	3.8	-	3.8	2,640	3.7	-	3.7				
Manganese	1,600	2,000	584	3.6	-	3.6	82.1	0.37	-	0.37	219	3.6	-	3.6	247	3.5	N	3.5	386	3.8	-	3.8	337	3.7	-	3.7				
Mercury	0.18	0.81	0.71	0.03	-	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	< 0.03	0.03	U	0.02	1.04	0.03	-	0.02	< 0.03	0.03	U	0.02				
Nickel	30	140	13.2	0.36	-	0.36	6.18	0.37	-	0.37	6.41	0.36	-	0.36	8.54	0.35	-	0.35	15.1	0.38	-	0.38	13.2	0.37	-	0.37				
Potassium			1,340	7	N	2.8	377	7	N	2.9	344	7	N	2.8	649	7	N	2.8	1,120	8	-	2.9	1,410	7	-	2.9				
Selenium	3.9	36	< 1.4	1.4	U	1.2	< 1.5	1.5	U	1.3	< 1.4	1.4	U	1.2	< 1.4	1.4	U	1.2	< 1.5	1.5	U	1.3	< 1.5	1.5	U	1.3				
Silver	2	36	< 0.36	0.36	U	0.36	< 0.37	0.37	U	0.37	< 0.36	0.36	U	0.36	< 0.35	0.35	U	0.35	< 0.38	0.38	U	0.38	< 0.37	0.37	U	0.37				
Sodium			361	7	-	3.1	60	7	-	3.2	59	7	-	3.1	161	7	N	3.0	230	8	-	3.2	303	7	-	3.2				
Thallium			< 1.4	1.4	U	1.4	< 1.5	1.5	U	1.5	< 1.4	1.4	U	1.4	< 1.4	1.4	U	1.4	< 1.5	1.5	U	1.5	< 1.5	1.5	U	1.5				
Vanadium			29.2	0.36	-	0.36	7.69	0.37	-	0.37	8.92	0.36	-	0.36	18.6	0.35	-	0.35	25	0.38	-	0.38	25.1	0.37	-	0.37				
Zinc	109	2,200	78.4	0.7	-	0.36	11.9	0.7	-	0.37	12.3	0.7	-	0.36	20.6	0.7	-	0.35	160	7.5	-	3.8	30.3	0.7	-	0.37				

Notes:

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

TABLE 9
Groundwater Analytical Results
Pesticides/PCBs

	Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 11/17/2016 µg/L				MW2 11/17/2016 µg/L				MW3 11/17/2016 µg/L				MW4 11/17/2016 µg/L			
			Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
PCBs	PCB-1016	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.055	0.055	U	0.055	< 0.050	0.050	U	0.050
	PCB-1221	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.055	0.055	U	0.055	< 0.050	0.050	U	0.050
	PCB-1232	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.055	0.055	U	0.055	< 0.050	0.050	U	0.050
	PCB-1242	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.055	0.055	U	0.055	< 0.050	0.050	U	0.050
	PCB-1248	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.055	0.055	U	0.055	< 0.050	0.050	U	0.050
	PCB-1254	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.055	0.055	U	0.055	< 0.050	0.050	U	0.050
	PCB-1260	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.055	0.055	U	0.055	< 0.050	0.050	U	0.050
	PCB-1262	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.055	0.055	U	0.055	< 0.050	0.050	U	0.050
	PCB-1268	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.055	0.055	U	0.055	< 0.050	0.050	U	0.050
Pesticides	4,4-DDD	0.3	< 0.025	0.025	U	0.025	< 0.005	0.005	U	0.010	< 0.006	0.006	U	0.011	< 0.005	0.005	U	0.010
	4,4-DDE	0.2	< 0.025	0.025	U	0.025	< 0.005	0.005	U	0.010	< 0.006	0.006	U	0.011	< 0.005	0.005	U	0.010
	4,4-DDT	0.11	< 0.025	0.025	U	0.025	< 0.005	0.005	U	0.010	< 0.006	0.006	U	0.011	< 0.005	0.005	U	0.010
	a-BHC	0.94	< 0.025	0.025	U	0.025	< 0.005	0.005	U	0.005	< 0.010	0.010	U	0.010	< 0.005	0.005	U	0.005
	a-Chlordane		< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.011	0.011	U	0.011	< 0.010	0.010	U	0.010
	Alachlor		< 0.75	0.75	U	0.75	< 0.075	0.075	U	0.075	< 0.082	0.082	U	0.082	< 0.075	0.075	U	0.075
	Aldrin		< 0.015	0.015	U	0.015	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.010	0.010	U	0.010
	b-BHC	0.04	< 0.050	0.050	U	0.050	< 0.040	0.040	U	0.040	< 0.030	0.030	U	0.030	< 0.005	0.005	U	0.005
	Chlordane	0.05	< 0.50	0.50	U	0.50	< 0.050	0.050	U	0.050	< 0.055	0.055	U	0.055	< 0.050	0.050	U	0.050
	d-BHC	0.04	< 0.025	0.025	U	0.025	< 0.005	0.005	U	0.005	< 0.006	0.006	U	0.006	< 0.005	0.005	U	0.005
	Dieldrin	0.004	< 0.015	0.015	U	0.015	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
	Endosulfan I		< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.011	0.011	U	0.011	< 0.010	0.010	U	0.010
	Endosulfan II		< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.011	0.011	U	0.011	< 0.010	0.010	U	0.010
	Endosulfan Sulfate		< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.011	0.011	U	0.011	< 0.010	0.010	U	0.010
	Endrin		< 0.050	0.050	U	0.050	< 0.010	0.010	U	0.010	< 0.006	0.006	U	0.006	< 0.010	0.010	U	0.010
	Endrin aldehyde	5	< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.011	0.011	U	0.011	< 0.010	0.010	U	0.010
	Endrin ketone		< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.011	0.011	U	0.011	< 0.010	0.010	U	0.010
	gamma-BHC	0.05	< 0.050	0.050	U	0.050	< 0.005	0.005	U	0.005	< 0.006	0.006	U	0.006	< 0.005	0.005	U	0.005
	g-Chlordane		< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.011	0.011	U	0.011	< 0.010	0.010	U	0.010
	Heptachlor	0.04	< 0.050	0.050	U	0.050	< 0.010	0.010	U	0.010	< 0.006	0.006	U	0.006	< 0.010	0.010	U	0.010
	Heptachlor epoxide	0.03	< 0.050	0.050	U	0.050	< 0.010	0.010	U	0.010	< 0.006	0.006	U	0.006	< 0.010	0.010	U	0.010
	Methoxychlor	35	< 1.0	1.0	U	1.0	< 0.10	0.10	U	0.10	< 0.11	0.11	U	0.11	< 0.10	0.10	U	0.10
	Toxaphene		< 2.0	2.0	U	2.0	< 0.20	0.20	U	0.20	< 0.22	0.22	U	0.22	< 0.20	0.20	U	0.20

Notes:

RL- Reporting Limit

U- The compound was analyzed for but not detected at or above the MDL.

J- The value is estimated.

N- The concentration is based on the response fo the nearest internal.

S- This compound is a solvent that is used in the laboratory.

D- The reported concentration is the result of a diluted analysis.

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 9
Groundwater Analytical Results
Pesticides/PCBs

	Compound	NYSDEC Groundwater Quality Standards µg/L	MW5 11/17/2016 µg/L				MW6 11/16/2016 µg/L				MW7 11/16/2016 µg/L				MW8 11/17/2016 µg/L				MW9 11/16/2016 µg/L			
			Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
PCBs	PCB-1016	0.09	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.060	0.060	U	0.060	< 0.050	0.050	U	0.050
	PCB-1221	0.09	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.060	0.060	U	0.060	< 0.050	0.050	U	0.050
	PCB-1232	0.09	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.060	0.060	U	0.060	< 0.050	0.050	U	0.050
	PCB-1242	0.09	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.060	0.060	U	0.060	< 0.050	0.050	U	0.050
	PCB-1248	0.09	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.060	0.060	U	0.060	< 0.050	0.050	U	0.050
	PCB-1254	0.09	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.060	0.060	U	0.060	< 0.050	0.050	U	0.050
	PCB-1260	0.09	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.060	0.060	U	0.060	< 0.050	0.050	U	0.050
	PCB-1262	0.09	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.060	0.060	U	0.060	< 0.050	0.050	U	0.050
	PCB-1268	0.09	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.060	0.060	U	0.060	< 0.050	0.050	U	0.050
Pesticides	4,4-DDD	0.3	< 0.005	0.005	U	0.010	< 0.025	0.025	U	0.025	< 0.005	0.005	U	0.010	< 0.006	0.006	U	0.012	< 0.005	0.005	U	0.010
	4,4-DDE	0.2	< 0.005	0.005	U	0.010	< 0.025	0.025	U	0.025	< 0.005	0.005	U	0.010	< 0.006	0.006	U	0.012	< 0.005	0.005	U	0.010
	4,4-DDT	0.11	< 0.005	0.005	U	0.010	< 0.025	0.025	U	0.025	< 0.005	0.005	U	0.010	< 0.006	0.006	U	0.012	< 0.005	0.005	U	0.010
	a-BHC	0.94	< 0.005	0.005	U	0.005	< 0.025	0.025	U	0.025	< 0.005	0.005	U	0.005	< 0.006	0.006	U	0.006	< 0.005	0.005	U	0.005
	a-Chlordane		< 0.010	0.010	U	0.010	< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.012	0.012	U	0.012	< 0.010	0.010	U	0.010
	Alachlor		< 0.077	0.077	U	0.077	< 0.050	0.050	U	0.050	< 0.075	0.075	U	0.075	< 0.089	0.089	U	0.089	< 0.075	0.075	U	0.075
	Aldrin		< 0.002	0.002	U	0.002	< 0.020	0.020	U	0.020	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
	b-BHC	0.04	< 0.005	0.005	U	0.005	< 0.025	0.025	U	0.025	< 0.040	0.040	U	0.040	< 0.006	0.006	U	0.006	< 0.040	0.040	U	0.040
	Chlordane	0.05	< 0.052	0.052	U	0.052	< 0.50	0.50	U	0.50	< 0.050	0.050	U	0.050	< 0.060	0.060	U	0.060	< 0.050	0.050	U	0.050
	d-BHC	0.04	< 0.005	0.005	U	0.005	< 0.025	0.025	U	0.025	< 0.005	0.005	U	0.005	< 0.006	0.006	U	0.006	< 0.005	0.005	U	0.005
	Dieldrin	0.004	< 0.002	0.002	U	0.002	< 0.015	0.015	U	0.015	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
	Endosulfan I		< 0.010	0.010	U	0.010	< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.012	0.012	U	0.012	< 0.010	0.010	U	0.010
	Endosulfan II		< 0.010	0.010	U	0.010	< 0.050	0.050	U	0.050	< 0.010	0.010	U	0.010	< 0.012	0.012	U	0.012	< 0.010	0.010	U	0.010
	Endosulfan Sulfate		< 0.010	0.010	U	0.010	< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.012	0.012	U	0.012	< 0.010	0.010	U	0.010
	Endrin		< 0.005	0.005	U	0.005	< 0.050	0.050	U	0.050	< 0.010	0.010	U	0.010	< 0.006	0.006	U	0.006	< 0.010	0.010	U	0.010
	Endrin aldehyde	5	< 0.010	0.010	U	0.010	< 0.20	0.20	U	0.20	< 0.010	0.010	U	0.010	< 0.012	0.012	U	0.012	< 0.010	0.010	U	0.010
	Endrin ketone		< 0.010	0.010	U	0.010	< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.012	0.012	U	0.012	< 0.010	0.010	U	0.010
	gamma-BHC	0.05	< 0.005	0.005	U	0.005	< 0.050	0.050	U	0.050	< 0.005	0.005	U	0.005	< 0.006	0.006	U	0.006	< 0.005	0.005	U	0.005
	g-Chlordane		< 0.010	0.010	U	0.010	< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.012	0.012	U	0.012	< 0.010	0.010	U	0.010
	Heptachlor	0.04	< 0.005	0.005	U	0.005	< 0.050	0.050	U	0.050	< 0.010	0.010	U	0.010	< 0.006	0.006	U	0.006	< 0.010	0.010	U	0.010
	Heptachlor epoxide	0.03	< 0.005	0.005	U	0.005	< 0.050	0.050	U	0.050	< 0.010	0.010	U	0.010	< 0.006	0.006	U	0.006	< 0.010	0.010	U	0.010
	Methoxychlor	35	< 0.10	0.10	U	0.10	< 1.0	1.0	U	1.0	< 0.10	0.10	U	0.10	< 0.12	0.12	U	0.12	< 0.10	0.10	U	0.10
Toxaphene		< 0.21	0.21	U	0.21	< 2.0	2.0	U	2.0	< 0.20	0.20	U	0.20	< 0.24	0.24	U	0.24	< 0.20	0.20	U	0.20	

Notes:
 RL- Reporting Limit
 U- The compound was analyzed for but not detected at or above the MDL.
 J- The value is estimated.
 N- The concentration is based on the response for the nearest internal.
 S- This compound is a solvent that is used in the laboratory.
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Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 9
Groundwater Analytical Results
Pesticides/PCBs

	Compound	NYSDEC Groundwater Quality Standards µg/L	MW10 11/16/2016 µg/L				MW14 11/17/2016 µg/L				MW15 11/17/2016 µg/L				GW Duplicate 1 MW9 11/16/2016 µg/L				GW Duplicate 2 MW7 11/16/2016 µg/L			
			Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
			PCBs	PCB-1016	0.09	< 0.050	0.050	U	0.050	0.16	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050
PCB-1221	0.09	< 0.050		0.050	U	0.050	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1232	0.09	< 0.050		0.050	U	0.050	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1242	0.09	< 0.050		0.050	U	0.050	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1248	0.09	< 0.050		0.050	U	0.050	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1254	0.09	< 0.050		0.050	U	0.050	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1260	0.09	< 0.050		0.050	U	0.050	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1262	0.09	< 0.050		0.050	U	0.050	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1268	0.09	< 0.050		0.050	U	0.050	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
Pesticides	4,4-DDD	0.3	< 0.025	0.025	U	0.025	< 0.005	0.005	U	0.010	< 0.005	0.005	U	0.010	< 0.005	0.005	U	0.010	< 0.005	0.005	U	0.010
	4,4-DDE	0.2	< 0.025	0.025	U	0.025	< 0.005	0.005	U	0.010	< 0.005	0.005	U	0.010	< 0.005	0.005	U	0.010	< 0.005	0.005	U	0.010
	4,4-DDT	0.11	< 0.025	0.025	U	0.025	< 0.007	0.007	U	0.007	< 0.005	0.005	U	0.010	< 0.005	0.005	U	0.010	< 0.005	0.005	U	0.010
	a-BHC	0.94	< 0.025	0.025	U	0.025	< 0.020	0.020	U	0.020	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005
	a-Chlordane		< 0.050	0.050	U	0.050	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
	Alachlor		< 0.050	0.050	U	0.050	< 0.078	0.078	U	0.078	< 0.075	0.075	U	0.075	< 0.075	0.075	U	0.075	< 0.075	0.075	U	0.075
	Aldrin		< 0.015	0.015	U	0.015	< 0.003	0.003	U	0.003	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.005	0.005	U	0.005
	b-BHC	0.04	< 0.025	0.025	U	0.025	< 0.020	0.020	U	0.020	< 0.010	0.010	U	0.010	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005
	Chlordane	0.05	< 0.50	0.50	U	0.50	< 0.052	0.052	U	0.052	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
	d-BHC	0.04	< 0.025	0.025	U	0.025	< 0.010	0.010	U	0.010	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005
	Dieldrin	0.004	< 0.015	0.015	U	0.015	< 0.005	0.005	U	0.005	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
	Endosulfan I		< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
	Endosulfan II		< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
	Endosulfan Sulfate		< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
	Endrin		< 0.050	0.050	U	0.050	< 0.005	0.005	U	0.005	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
	Endrin aldehyde	5	< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
	Endrin ketone		< 0.10	0.10	U	0.10	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
	gamma-BHC	0.05	< 0.050	0.050	U	0.050	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005
	g-Chlordane		< 0.050	0.050	U	0.050	< 0.030	0.030	U	0.030	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
	Heptachlor	0.04	< 0.050	0.050	U	0.050	< 0.005	0.005	U	0.005	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
	Heptachlor epoxide	0.03	< 0.050	0.050	U	0.050	< 0.005	0.005	U	0.005	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Methoxychlor	35	< 1.0	1.0	U	1.0	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	
Toxaphene		< 2.0	2.0	U	2.0	< 0.21	0.21	U	0.21	< 0.20	0.20	U	0.20	< 0.20	0.20	U	0.20	< 0.20	0.20	U	0.20	

Notes:
 RL- Reporting Limit
 U- The compound was analyzed for but not detected at or above the MDL.
 J- The value is estimated.
 N- The concentration is based on the response fo the nearest internal.
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Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 10
Groundwater Analytical Results
Total Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	MW1 11/17/2016 mg/L				MW2 11/17/2016 mg/L				MW3 11/17/2016 mg/L				MW4 11/17/2016 mg/L			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
		Aluminum	NS	20.9	0.010	-	0.005	5.02	0.010	-	0.005	9.91	0.010	-	0.005	32.7	0.10
Antimony	0.003	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
Arsenic	0.025	0.008	0.004	-	0.004	< 0.004	0.004	U	0.004	< 0.004	0.004	U	0.004	0.012	0.004	-	0.004
Barium	1	0.539	0.010	-	0.001	0.211	0.010	-	0.001	0.292	0.010	-	0.001	0.507	0.010	-	0.001
Beryllium	0.003	0.001	0.001	-	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	0.002	0.001	-	0.001
Cadmium	0.005	0.002	0.004	B	0.0005	0.001	0.004	B	0.0005	0.001	0.004	B	0.0005	0.003	0.004	B	0.0005
Calcium	NS	133	0.010	-	0.01	113	0.010	-	0.01	110	0.010	-	0.01	118	0.010	-	0.01
Chromium	0.05	0.052	0.001	-	0.001	0.012	0.001	-	0.001	0.027	0.001	-	0.001	0.097	0.001	-	0.001
Cobalt	NS	0.018	0.005	-	0.001	0.005	0.005	B	0.001	0.012	0.005	-	0.001	0.041	0.005	-	0.001
Copper	0.2	0.053	0.005	-	0.001	0.012	0.005	-	0.001	0.029	0.005	-	0.001	0.069	0.005	-	0.001
Iron	0.5	70.8	0.01	-	0.01	19.3	0.01	-	0.01	30.4	0.01	-	0.01	133	0.10	-	0.10
Lead	0.025	0.051	0.002	-	0.001	< 0.002	0.002	U	0.001	0.011	0.002	-	0.001	0.021	0.002	-	0.001
Magnesium	35	31.4	0.010	N	0.01	30.9	0.010	N	0.01	20.7	0.010	N	0.01	37.8	0.010	N	0.01
Manganese	0.3	5.4	0.050	-	0.010	6.91	0.050	-	0.010	6.36	0.050	-	0.010	12.1	0.050	-	0.010
Mercury	0.0007	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015
Nickel	0.1	0.032	0.004	-	0.001	0.007	0.004	-	0.001	0.017	0.004	-	0.001	0.069	0.004	-	0.001
Potassium	NS	45.2	0.1	-	0.01	10.5	0.1	-	0.01	17.1	0.1	-	0.01	17.5	0.1	-	0.01
Selenium	0.01	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001
Silver	0.05	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001
Sodium	2	342	1.0	-	0.10	232	1.0	-	0.10	350	1.0	-	0.10	148	1.0	-	0.10
Thallium	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005
Vanadium	NS	0.057	0.010	-	0.001	0.014	0.010	-	0.001	0.031	0.010	-	0.001	0.088	0.010	-	0.001
Zinc	2	0.124	0.010	-	0.0011	0.028	0.010	-	0.0011	0.049	0.010	-	0.0011	0.118	0.010	-	0.0011

Notes:

RL- Reporting Limit

U- The compound was analyzed for but not detected at or above the MDL.

J- The value is estimated.

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S- This compound is a solvent that is used in the laboratory.

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Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 10
Groundwater Analytical Results
Total Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	MW5 11/17/2016 mg/L				MW6 11/16/2016 mg/L				MW7 11/16/2016 mg/L				MW8 11/16/2016 mg/L				MW9 11/16/2016 mg/L			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
Aluminum	NS	1.05	0.010	-	0.005	6.04	0.010	-	0.005	0.031	0.010	-	0.005	6.2	0.010	-	0.005	0.182	0.010	-	0.005
Antimony	0.003	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
Arsenic	0.025	< 0.004	0.004	U	0.004	< 0.004	0.004	U	0.004	0.011	0.004	-	0.004	0.035	0.004	-	0.004	< 0.004	0.004	U	0.004
Barium	1	0.155	0.010	-	0.001	1.33	0.010	-	0.001	0.266	0.010	-	0.001	0.45	0.010	-	0.001	0.198	0.010	-	0.001
Beryllium	0.003	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001
Cadmium	0.005	0.001	0.004	B	0.0005	0.018	0.004	-	0.0005	0.002	0.004	B	0.0005	0.003	0.004	B	0.0005	< 0.004	0.004	U	0.0005
Calcium	NS	98	0.010	-	0.01	429	0.10	-	0.10	47.5	0.010	-	0.01	162	0.10	-	0.10	120	0.010	-	0.01
Chromium	0.05	0.003	0.001	-	0.001	0.016	0.001	-	0.001	< 0.001	0.001	U	0.001	0.021	0.001	-	0.001	0.002	0.001	-	0.001
Cobalt	NS	0.002	0.005	B	0.001	0.082	0.005	-	0.001	0.018	0.005	-	0.001	0.012	0.005	-	0.001	0.008	0.005	-	0.001
Copper	0.2	0.004	0.005	B	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	0.022	0.005	-	0.001	< 0.005	0.005	U	0.001
Iron	0.5	28.2	0.01	-	0.01	868	0.10	-	0.10	121	0.01	-	0.01	151	0.10	-	0.10	14.6	0.01	-	0.01
Lead	0.025	0.006	0.002	-	0.001	0.059	0.002	-	0.001	0.007	0.002	-	0.001	0.018	0.002	-	0.001	< 0.002	0.002	U	0.001
Magnesium	35	33.5	0.010	N	0.01	99.1	0.10	N	0.10	14.7	0.010	-	0.01	28.7	0.010	N	0.01	39.7	0.010	-	0.01
Manganese	0.3	5.19	0.050	-	0.010	33	0.50	-	0.10	3.48	0.050	-	0.010	3.87	0.050	-	0.010	11.4	0.050	-	0.010
Mercury	0.0007	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015
Nickel	0.1	0.002	0.004	B	0.001	0.011	0.004	-	0.001	0.004	0.004	B	0.001	0.025	0.004	-	0.001	0.007	0.004	-	0.001
Potassium	NS	4.8	0.1	-	0.01	23.7	0.1	-	0.01	5	0.1	-	0.01	25.2	0.1	-	0.01	9.6	0.1	-	0.01
Selenium	0.01	< 0.002	0.002	U	0.001	< 0.002	0.002	UN	0.001	< 0.002	0.002	UN	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	UN	0.001
Silver	0.05	< 0.005	0.005	U	0.001	0.001	0.005	B	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001
Sodium	2	130	1.0	-	0.10	233	1.0	-	0.10	107	1.0	-	0.10	151	1.0	-	0.10	122	1.0	-	0.10
Thallium	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005
Vanadium	NS	0.004	0.010	B	0.001	0.022	0.010	-	0.001	< 0.010	0.010	U	0.001	0.028	0.010	-	0.001	0.001	0.010	B	0.001
Zinc	2	0.01	0.010	-	0.0011	0.141	0.010	-	0.0011	0.014	0.010	-	0.0011	0.064	0.010	-	0.0011	0.009	0.010	B	0.0011

Notes:

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TABLE 10
Groundwater Analytical Results
Total Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	MW10 11/16/2016 mg/L				MW14 11/17/2016 mg/L				MW15 11/17/2016 mg/L				GW Duplicate 1 MW9 11/16/2016 mg/L				GW Duplicate 2 MW7 11/16/2016 mg/L			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
		Aluminum	NS	0.119	0.010	-	0.005	1.25	0.010	-	0.005	0.048	0.010	-	0.005	2.61	0.010	-	0.005	0.032	0.010
Antimony	0.003	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
Arsenic	0.025	0.01	0.004	-	0.004	0.009	0.004	-	0.004	< 0.004	0.004	U	0.004	< 0.004	0.004	U	0.004	0.011	0.004	-	0.004
Barium	1	0.309	0.010	-	0.001	0.318	0.010	-	0.001	0.151	0.010	-	0.001	0.229	0.010	-	0.001	0.282	0.010	-	0.001
Beryllium	0.003	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001
Cadmium	0.005	0.001	0.004	B	0.0005	0.004	0.004	B	0.0005	0.001	0.004	B	0.0005	0.001	0.004	B	0.0005	0.002	0.004	B	0.0005
Calcium	NS	138	0.010	-	0.01	211	0.10	-	0.10	151	0.10	-	0.10	121	0.010	-	0.01	49.8	0.010	-	0.01
Chromium	0.05	< 0.001	0.001	U	0.001	0.005	0.001	-	0.001	< 0.001	0.001	U	0.001	0.01	0.001	-	0.001	< 0.001	0.001	U	0.001
Cobalt	NS	0.002	0.005	B	0.001	0.002	0.005	B	0.001	0.005	0.005	-	0.001	0.011	0.005	-	0.001	0.019	0.005	-	0.001
Copper	0.2	< 0.005	0.005	U	0.001	0.001	0.005	B	0.001	0.004	0.005	B	0.001	0.007	0.005	-	0.001	< 0.005	0.005	U	0.001
Iron	0.5	47.4	0.01	-	0.01	158	0.10	-	0.10	1.35	0.01	-	0.01	18.1	0.01	-	0.01	126	0.10	-	0.10
Lead	0.025	< 0.002	0.002	U	0.001	0.009	0.002	-	0.001	< 0.002	0.002	U	0.001	0.001	0.002	B	0.001	0.009	0.002	-	0.001
Magnesium	35	32.2	0.010	-	0.01	30.4	0.010	N	0.01	39.5	0.010	N	0.01	41.4	0.010	-	0.01	15.5	0.010	-	0.01
Manganese	0.3	1.09	0.005	-	0.001	14.3	0.050	-	0.010	12.1	0.050	-	0.010	12.7	0.050	-	0.010	3.47	0.050	-	0.010
Mercury	0.0007	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015
Nickel	0.1	0.002	0.004	B	0.001	0.004	0.004	-	0.001	0.003	0.004	B	0.001	0.015	0.004	-	0.001	0.004	0.004	B	0.001
Potassium	NS	18.5	0.1	-	0.01	17.9	0.1	-	0.01	20.7	0.1	-	0.01	10	0.1	-	0.01	5.4	0.1	-	0.01
Selenium	0.01	< 0.002	0.002	UN	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	UN	0.001	< 0.002	0.002	UN	0.001
Silver	0.05	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001
Sodium	2	122	1.0	-	0.10	279	1.0	-	0.10	161	1.0	-	0.10	121	1.0	-	0.10	106	1.0	-	0.10
Thallium	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005
Vanadium	NS	0.002	0.010	B	0.001	0.005	0.010	B	0.001	< 0.010	0.010	U	0.001	0.007	0.010	B	0.001	0.001	0.010	B	0.001
Zinc	2	0.01	0.010	-	0.0011	0.026	0.010	-	0.0011	0.002	0.010	B	0.0011	0.028	0.010	-	0.0011	0.015	0.010	-	0.0011

Notes:

RL- Reporting Limit

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TABLE 11
Groundwater Analytical Results
Dissolved Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	MW1 11/17/2016 mg/L				MW2 11/17/2016 mg/L				MW3 11/17/2016 mg/L				MW4 11/17/2016 mg/L			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
		Aluminum	NS	< 0.011	0.011	U	0.005	< 0.011	0.011	U	0.005	< 0.011	0.011	U	0.005	< 0.011	0.011
Antimony	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003
Arsenic	0.025	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003
Barium	1	0.23	0.011	-	0.001	0.137	0.011	-	0.001	0.181	0.011	-	0.001	0.205	0.011	-	0.001
Beryllium	0.003	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001
Cadmium	0.005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005
Calcium	NS	119	0.01	-	0.01	112	0.01	-	0.01	96.9	0.01	-	0.01	105	0.01	-	0.01
Chromium	0.05	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001
Cobalt	NS	0.002	0.005	B	0.001	< 0.005	0.005	U	0.001	0.002	0.005	B	0.001	0.011	0.005	-	0.001
Copper	0.2	0.001	0.005	B	0.001	< 0.005	0.005	U	0.001	0.001	0.005	B	0.001	< 0.005	0.005	U	0.001
Iron	0.5	0.03	0.01	-	0.01	0.12	0.01	-	0.01	< 0.01	0.01	U	0.01	8.95	0.01	-	0.01
Lead	0.025	< 0.002	0.002	U	0.001	0.002	0.002	-	0.001	0.003	0.002	-	0.001	0.002	0.002	B	0.001
Magnesium	35	25.3	0.01	-	0.01	29.3	0.01	-	0.01	16.2	0.01	-	0.01	27.9	0.01	-	0.01
Manganese	0.3	3.43	0.053	-	0.011	6.75	0.053	-	0.011	5.54	0.053	-	0.011	9.87	0.053	-	0.011
Mercury	0.0007	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015
Nickel	0.1	0.004	0.004	B	0.001	0.001	0.004	B	0.001	0.002	0.004	B	0.001	0.005	0.004	-	0.001
Potassium	NS	40.4	0.1	-	0.01	9.5	0.1	-	0.01	13.4	0.1	-	0.01	10.8	0.1	-	0.01
Selenium	0.01	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002
Silver	0.05	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001
Sodium	2	322	1.1	-	0.11	245	1.1	-	0.11	343	1.1	-	0.11	145	1.1	-	0.11
Thallium	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005
Vanadium	NS	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001
Zinc	2	0.002	0.011	B	0.0012	< 0.011	0.011	U	0.0012	< 0.011	0.011	U	0.0012	0.002	0.011	B	0.0012

Notes:

RL- Reporting Limit

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TABLE 11
Groundwater Analytical Results
Dissolved Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	MW5 11/17/2016 mg/L				MW6 11/16/2016 mg/L				MW7 11/16/2016 mg/L				MW8 11/17/2016 mg/L				MW9 11/16/2016 mg/L			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
Aluminum	NS	< 0.011	0.011	U	0.005	0.035	0.011	-	0.005	< 0.011	0.011	U	0.005	< 0.011	0.011	U	0.005	< 0.011	0.011	U	0.005
Antimony	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003
Arsenic	0.025	< 0.003	0.003	U	0.003	0.014	0.003	-	0.003	< 0.003	0.003	U	0.003	0.014	0.003	-	0.003	< 0.003	0.003	U	0.003
Barium	1	0.085	0.011	-	0.001	1.16	0.011	-	0.001	0.18	0.011	-	0.001	0.272	0.011	-	0.001	0.163	0.011	-	0.001
Beryllium	0.003	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001
Cadmium	0.005	< 0.004	0.004	U	0.0005	0.015	0.004	-	0.0005	0.001	0.004	B	0.0005	0.002	0.004	B	0.0005	< 0.004	0.004	U	0.0005
Calcium	NS	87.4	0.01	-	0.01	417	0.11	-	0.11	46.8	0.01	-	0.01	155	0.01	-	0.01	120	0.01	-	0.01
Chromium	0.05	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001
Cobalt	NS	< 0.005	0.005	U	0.001	0.076	0.005	-	0.001	0.017	0.005	-	0.001	0.006	0.005	-	0.001	0.007	0.005	-	0.001
Copper	0.2	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001
Iron	0.5	0.39	0.01	-	0.01	758	0.11	-	0.11	62.3	0.01	-	0.01	79.1	0.01	-	0.01	0.24	0.01	-	0.01
Lead	0.025	< 0.002	0.002	U	0.001	0.037	0.002	-	0.001	0.004	0.002	-	0.001	< 0.002	0.002	U	0.001	0.002	0.002	B	0.001
Magnesium	35	30.1	0.01	-	0.01	95.1	0.11	-	0.11	14.8	0.01	-	0.01	26.8	0.01	-	0.01	39.4	0.01	-	0.01
Manganese	0.3	4.56	0.053	-	0.011	44.8	0.53	-	0.11	3.37	0.053	-	0.011	3.14	0.053	-	0.011	11.1	0.053	-	0.011
Mercury	0.0007	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015
Nickel	0.1	< 0.004	0.004	U	0.001	< 0.004	0.004	U	0.001	< 0.004	0.004	U	0.001	0.013	0.004	-	0.001	0.008	0.004	-	0.001
Potassium	NS	4.3	0.1	-	0.01	22.3	0.1	-	0.01	4.8	0.1	-	0.01	20.6	1.1	-	0.11	9.4	0.1	-	0.01
Selenium	0.01	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002
Silver	0.05	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001
Sodium	2	128	1.1	-	0.11	237	1.1	-	0.11	111	1.1	-	0.11	151	1.1	-	0.11	126	1.1	-	0.11
Thallium	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005
Vanadium	NS	< 0.011	0.011	U	0.001	0.002	0.011	B	0.001	< 0.011	0.011	U	0.001	0.003	0.011	B	0.001	< 0.011	0.011	U	0.001
Zinc	2	< 0.011	0.011	U	0.0012	0.087	0.011	-	0.0012	0.007	0.011	B	0.0012	0.011	0.011	B	0.0012	0.004	0.011	B	0.0012

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S- This compound is a solvent that is used in the laboratory.

D- The reported concentration is the result of a diluted analysis.

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 11
Groundwater Analytical Results
Dissolved Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	MW10 11/16/2016 mg/L				MW14 11/17/2016 mg/L				MW15 11/17/2016 mg/L				GW Duplicate 1 MW9 11/16/2016 mg/L				GW Duplicate 2 MW7 11/16/2016 mg/L			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
Aluminum	NS	0.006	0.011	B	0.005	0.008	0.011	B	0.005	0.005	0.011	B	0.005	0.005	0.011	B	0.005	< 0.011	0.011	U	0.005
Antimony	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003
Arsenic	0.025	< 0.003	0.003	U	0.003	0.005	0.003	-	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003
Barium	1	0.186	0.011	-	0.001	0.203	0.011	-	0.001	0.142	0.011	-	0.001	0.175	0.011	-	0.001	0.17	0.011	-	0.001
Beryllium	0.003	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001
Cadmium	0.005	< 0.004	0.004	U	0.0005	0.001	0.004	B	0.0005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005	0.001	0.004	B	0.0005
Calcium	NS	130	0.01	-	0.01	196	0.11	-	0.11	141	0.01	-	0.01	122	0.01	-	0.01	46.6	0.01	-	0.01
Chromium	0.05	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001
Cobalt	NS	0.002	0.005	B	0.001	< 0.005	0.005	U	0.001	0.005	0.005	-	0.001	0.008	0.005	-	0.001	0.017	0.005	-	0.001
Copper	0.2	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	0.002	0.005	B	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001
Iron	0.5	7.14	0.01	-	0.01	46.9	0.01	-	0.01	0.12	0.01	-	0.01	0.72	0.01	-	0.01	52.3	0.01	-	0.01
Lead	0.025	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	0.002	0.002	B	0.001	0.001	0.002	B	0.001	0.003	0.002	-	0.001
Magnesium	35	29.6	0.01	-	0.01	29.5	0.01	-	0.01	36.2	0.01	-	0.01	40.6	0.01	-	0.01	14.6	0.01	-	0.01
Manganese	0.3	0.999	0.005	-	0.001	13.5	0.053	-	0.011	11.9	0.053	-	0.011	11.5	0.053	-	0.011	3.09	0.053	-	0.011
Mercury	0.0007	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015
Nickel	0.1	0.002	0.004	B	0.001	< 0.004	0.004	U	0.001	0.003	0.004	B	0.001	0.009	0.004	-	0.001	< 0.004	0.004	U	0.001
Potassium	NS	19.3	0.1	-	0.01	13.8	1.1	-	0.11	19.6	0.1	-	0.01	9.5	0.1	-	0.01	4.9	0.1	-	0.01
Selenium	0.01	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002
Silver	0.05	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001
Sodium	2	124	1.1	-	0.11	282	1.1	-	0.11	159	1.1	-	0.11	129	1.1	-	0.11	102	1.1	-	0.11
Thallium	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005
Vanadium	NS	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001
Zinc	2	0.003	0.011	B	0.0012	0.007	0.011	B	0.0012	0.001	0.011	B	0.0012	0.005	0.011	B	0.0012	0.006	0.011	B	0.0012

Notes:

RL- Reporting Limit

U- The compound was analyzed for but not detected at or above the MDL.

J- The value is estimated.

N- The concentration is based on the response to the nearest internal.

S- This compound is a solvent that is used in the laboratory.

D- The reported concentration is the result of a diluted analysis.

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 12
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value ($\mu\text{g}/\text{m}^3$) ^(a)	NYSDOH Soil Outdoor Background Levels ($\mu\text{g}/\text{m}^3$) ^(b)	SG1				SG2				SG3				SG4			
			11/16/2016 ($\mu\text{g}/\text{m}^3$)				11/16/2016 ($\mu\text{g}/\text{m}^3$)				11/16/2016 ($\mu\text{g}/\text{m}^3$)				11/16/2016 ($\mu\text{g}/\text{m}^3$)			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,1,2-Tetrachloroethane			< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	1.02	1.00	-	1.00	< 1.00	1.00	U	1.00
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,1-Dichloroethane		<1.0	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,1-Dichloroethene		<1.0	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2,4-Trimethylbenzene		<1.0	1.24	1.00	-	1.00	< 1.00	1.00	U	1.00	1.57	1.00	-	1.00	1.75	1.00	-	1.00
1,2-Dibromoethane		<1.5	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2-Dichlorobenzene		<2.0	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2-Dichloroethane		<1.0	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2-Dichloropropane			< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2-Dichlorotetrafluoroethane			< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,3,5-Trimethylbenzene		<1.0	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,3-Butadiene		NA	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,3-Dichlorobenzene		<2.0	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,4-Dichlorobenzene		NA	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,4-Dioxane			< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
2-Hexanone			< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	24.2	1.00	-	1.00	< 1.00	1.00	U	1.00
4-Ethyltoluene		NA	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
4-Isopropyltoluene			< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
4-Methyl-2-pentanone			< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	512	99.9	D	99.9
Acetone		NA	170	9.99	D	9.99	36.8	1.00	-	1.00	62.7	1.00	-	1.00	1,550	99.9	D	99.9
Acrylonitrile			< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Benzene		<1.6 - 4.7	1.16	1.00	-	1.00	< 1.00	1.00	U	1.00	1.67	1.00	-	1.00	122	1.00	-	1.00
Benzyl Chloride		NA	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Bromodichloromethane		<5.0	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Bromoform		<1.0	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Bromomethane		<1.0	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Carbon Disulfide		NA	1.6	1.00	-	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	32.7	1.00	-	1.00
Carbon Tetrachloride	5	<3.1	< 0.25	0.25	U	0.25	0.51	0.25	-	0.25	< 0.25	0.25	U	0.25	< 0.25	0.25	U	0.25
Chlorobenzene		<2.0	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Chloroethane		NA	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Chloroform		<2.4	2.73	1.00	-	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Chloromethane		<1.0 - 1.4	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
cis-1,2-Dichloroethene		<1.0	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	10.2	1.00	-	1.00
cis-1,3-Dichloropropene		NA	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Cyclohexane		NA	1.02	1.00	-	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	671	100	D	100
Dibromochloromethane		<5.0	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Dichlorodifluoromethane		NA	7.12	1.00	-	1.00	2.48	1.00	-	1.00	3.73	1.00	-	1.00	1.57	1.00	-	1.00
Ethanol			20.1	1.00	-	1.00	17.1	1.00	-	1.00	50.7	1.00	-	1.00	953	1.00	-	1.00
Ethyl Acetate		NA	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Ethylbenzene		<4.3	1.74	1.00	-	1.00	< 1.00	1.00	U	1.00	2.43	1.00	-	1.00	10.5	1.00	-	1.00
Heptane		NA	2.63	1.00	-	1.00	1.35	1.00	-	1.00	2.47	1.00	-	1.00	317	99.9	D	99.9
Hexachlorobutadiene		NA	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Hexane		<1.5	1.14	1.00	S	1.00	3.56	1.00	S	1.00	3.12	1.00	S	1.00	708	100	DS	100
Isopropylalcohol		NA	1.91	1.00	-	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	33.2	1.00	-	1.00
Isopropylbenzene			< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	2.01	1.00	-	1.00
Xylene (m&p)		<4.3	5.9	1.00	-	1.00	< 1.00	1.00	U	1.00	7.94	1.00	-	1.00	16.2	1.00	-	1.00
Methyl Ethyl Ketone			3.48	1.00	-	1.00	< 1.00	1.00	U	1.00	601	99.9	D	99.9	1,180	99.9	D	99.9
MTBE		NA	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Methylene Chloride		<3.4	< 1.00	1.00	U	1.00	7.33	1.00	S	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
n-Butylbenzene			< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Xylene (o)		<4.3	2	1.00	-	1.00	< 1.00	1.00	U	1.00	2.67	1.00	-	1.00	6.03	1.00	-	1.00
Propylene		NA	2.61	1.00	-	1.00	< 1.00	1.00	U	1.00	41.1	1.00	-	1.00	347	99.9	D	99.9
sec-Butylbenzene			< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Styrene		<1.0	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Tetrachloroethene	30		7.93	0.25	-	0.25	1.96	0.25	-	0.25	34.3	0.25	-	0.25	2.6	0.25	-	0.25
Tetrahydrofuran		NA	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Toluene		1.0 - 6.1	4.29	1.00	-	1.00	1.19	1.00	-	1.00	11	1.00	-	1.00	57.2	1.00	-	1.00
trans-1,2-Dichloroethene		NA	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
trans-1,3-Dichloropropene		NA	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Trichloroethene	2	<1.7	< 0.25	0.25	U	0.25	< 0.25	0.25	U	0.25	0.32	0.25	-	0.25	7.46	0.25	-	0.25
Trichlorofluoromethane		NA	25.7	1.00	-	1.00	1.99	1.00	-	1.00	4.41	1.00	-	1.00	< 1.00	1.00	U	1.00
Trichlorotrifluoroethane			< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Vinyl Chloride		<1.0	< 0.25	0.25	U	0.25	< 0.25	0.25	U	0.25	< 0.25	0.25	U	0.25	1.56	0.25	-	0.25
BTEX			15.09				1.19				25.71				211.93			
Total VOCs			264.3				74.27				856.35				6544.4			

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

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (μg/m ³) ^(a)	NYSDOH Soil Outdoor Background Levels (μg/m ³) ^(b)	SG5				SG6				SG7				SG8				SG9			
			11/16/2016 (μg/m ³)				11/16/2016 (μg/m ³)				11/16/2016 (μg/m ³)				11/16/2016 (μg/m ³)				11/16/2016 (μg/m ³)			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,1,2-Tetrachloroethane			<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
1,1,1-Trichloroethane	100	<2.0 - 2.8	<9.98	9.98	U	9.98	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
1,1,2,2-Tetrachloroethane		<1.5	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
1,1,2-Trichloroethane		<1.0	<9.98	9.98	U	9.98	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
1,1-Dichloroethane		<1.0	<9.99	9.99	U	9.99	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
1,1-Dichloroethene		<1.0	<9.99	9.99	U	9.99	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
1,2,4-Trichlorobenzene		NA	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
1,2,4-Trimethylbenzene		<1.0	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	94.8	30.0	-	30.0
1,2-Dibromoethane		<1.5	<9.98	9.98	U	9.98	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
1,2-Dichlorobenzene		<2.0	<9.97	9.97	U	9.97	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
1,2-Dichloroethane		<1.0	<9.99	9.99	U	9.99	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
1,2-Dichloropropane		<1.0	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
1,2-Dichlorotetrafluoroethane			<9.99	9.99	U	9.99	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
1,3,5-Trimethylbenzene		<1.0	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	75.2	30.0	-	30.0
1,3-Butadiene		NA	<9.99	9.99	U	9.99	<18.5	18.5	U	18.5	<30.1	30.1	U	30.1	<30.1	30.1	U	30.1	<30.1	30.1	U	30.1
1,3-Dichlorobenzene		<2.0	<9.97	9.97	U	9.97	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
1,4-Dichlorobenzene		NA	<9.97	9.97	U	9.97	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
1,4-Dioxane			<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
2-Hexanone			<9.99	9.99	U	9.99	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
4-Ethyltoluene		NA	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
4-Isopropyltoluene			<9.98	9.98	U	9.98	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
4-Methyl-2-pentanone			<9.99	9.99	U	9.99	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Acetone		NA	<9.99	9.99	U	9.99	<18.5	18.5	U	18.5	<29.9	29.9	U	29.9	<29.9	29.9	U	29.9	<29.9	29.9	U	29.9
Acrylonitrile			<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<29.9	29.9	U	29.9	<29.9	29.9	U	29.9	<29.9	29.9	U	29.9
Benzene		<1.6 - 4.7	1,140	9.99	-	9.99	766	18.5	-	18.5	619	30.0	-	30.0	<30.0	30.0	U	30.0	299	30.0	-	30.0
Benzyl Chloride		NA	<9.99	9.99	U	9.99	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Bromodichloromethane		<5.0	<9.98	9.98	U	9.98	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Bromoform		<1.0	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Bromomethane		<1.0	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Carbon Disulfide		NA	<9.99	9.99	U	9.99	209	18.5	-	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Carbon Tetrachloride	5	<3.1	<2.50	2.50	U	2.50	<4.61	4.61	U	4.61	<7.48	7.48	U	7.48	<7.48	7.48	U	7.48	<7.48	7.48	U	7.48
Chlorobenzene		<2.0	<9.98	9.98	U	9.98	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Chloroethane		NA	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.1	30.1	U	30.1	<30.1	30.1	U	30.1	<30.1	30.1	U	30.1
Chloroform		<2.4	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Chloromethane		<1.0 - 1.4	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<29.9	29.9	U	29.9	<29.9	29.9	U	29.9	<29.9	29.9	U	29.9
cis-1,2-Dichloroethene		<1.0	<9.99	9.99	U	9.99	22.7	18.5	-	18.5	109	30.0	-	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
cis-1,3-Dichloropropene		NA	<9.98	9.98	U	9.98	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Cyclohexane		NA	17,500	270	D	270	3,350	92.5	D	92.5	15,500	300	D	300	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Dibromochloromethane		<5.0	<9.96	9.96	U	9.96	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Dichlorodifluoromethane		NA	<9.98	9.98	U	9.98	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Ethanol			<10.0	10.0	U	10.0	92.1	18.5	-	18.5	<29.9	29.9	U	29.9	30.7	29.9	-	29.9	44.1	29.9	-	29.9
Ethyl Acetate		NA	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Ethylbenzene		<4.3	146	9.98	-	9.98	45.6	18.5	-	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Heptane		NA	8,110	75.0	D	75.0	1,470	18.5	-	18.5	12,900	300	D	300	<30.0	30.0	U	30.0	16,100	270	D	270
Hexachlorobutadiene		NA	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Hexane		<1.5	19,800	270	D	270	3,210	92.6	D	92.6	28,000	300	D	300	128	30.0	S	30.0	38,000	270	D	270
Isopropylalcohol		NA	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Isopropylbenzene			<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Xylene (m&p)		<4.3	378	9.98	-	9.98	23.5	18.5	-	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	568	30.0	-	30.0
Methyl Ethyl Ketone			1,390	74.9	D	74.9	1,480	18.5	-	18.5	169	30.1	-	30.1	233	30.1	-	30.1	<30.1	30.1	U	30.1
MTBE		NA	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	2,560	30.0	-	30.0	6,450	150	D	150	11,300	270	D	270
Methylene Chloride		<3.4	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
n-Butylbenzene			<9.98	9.98	U	9.98	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Xylene (o)		<4.3	125	9.98	-	9.98	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	111	30.0	-	30.0
Propylene		NA	1,090	75.0	D	75.0	1,070	18.6	-	18.6	<29.9	29.9	U	29.9	<29.9	29.9	U	29.9	580	29.9	-	29.9
sec-Butylbenzene			<9.98	9.98	U	9.98	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Styrene		<1.0	<10.0	10.0	U	10.0	<18.5	18.5	U	18.5	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0	<30.0	30.0	U	30.0
Tetrachloroethane	100		3.25	2.50	-	2.50	<4.62	4.62	U	4.62	14.4	7.52	-	7.52	<7.52	7.52	U	7.52	<7.52	7.52	U	7.52
Tetrahydrofuran		NA	<9.99	9.99																		

TABLE 13
Parameters Detected Above Track 1 Soil Cleanup Objectives

COMPOUND	Range in Exceedances	Frequency of Detection	15B1	15B2	15B4	15B5		15B6	15B7		15B8
			(12-14')	(22.5-25')	(15-17')	(0-2')	(12-14')	(5-7')	(18-20')	(23-25')	(0-2')
			11/14/2016	8/22/2016	11/14/2016	11/10/2016	11/10/2016	11/11/2016	11/11/2016	11/11/2016	11/11/2016
<i>Sample Results in ug/kg</i>											
1,2,4-Trimethylbenzene	14000-910000	7	65,000	-	-	-	-	56,000	-	-	-
1,3,5-Trimethylbenzene	13000-320000	3	-	-	-	-	-	15,000	-	-	-
Acetone	53-920	8	-	-	-	-	560	550	-	500	-
Benzene	90-1900	7	90	-	100	-	-	-	-	-	110
Ethylbenzene	3200-190000	7	14,000	-	-	-	-	4,700	-	-	-
m&p-Xylenes	500-720000	10	2,100	500	-	-	-	24,000	530	-	-
Methyl Ethyl Ketone (2-Butanone)	160	1	-	-	-	-	-	-	-	160	-
Naphthalene	89,000	1	-	-	-	-	-	-	-	-	-
n-Butylbenzene	70,000	1	-	-	-	-	-	-	-	-	-
n-Propylbenzene	4900-140000	5	16,000	-	-	-	-	4,900	-	-	-
o-Xylene	380-260000	8	1,000	-	-	-	-	9,100	380	-	-
sec-Butylbenzene	23,000	1	-	-	-	-	-	-	-	-	-
Tetrachloroethene	2400-22000	2	-	-	-	-	-	-	-	-	-
Toluene	1900-20000	3	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	2,300	1	-	-	-	-	-	-	-	-	-
Vinyl Chloride	3,000	1	-	-	-	-	-	-	-	-	-
<i>Sample Results in ug/kg</i>											
Benz(a)anthracene	1500-1500	1	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1100-1100	1	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1100-1100	1	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	900-900	1	-	-	-	-	-	-	-	-	-
Chrysene	1100-1600	2	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	530-720	5	-	-	-	530	-	-	-	-	-
Naphthalene	17,000	1	-	-	-	-	-	-	-	-	-
<i>Sample Results in ug/kg</i>											
4,4' -DDD	100-100	1	-	-	-	100	-	-	-	-	-
4,4' -DDE	72-72	1	-	-	-	72	-	-	-	-	-
4,4' -DDT	7.7-76	2	-	-	-	76	-	-	-	-	-
<i>Sample Results in mg/kg</i>											
Arsenic	13.7-13.7	1	-	-	-	-	-	-	-	-	-
Barium	446-446	1	-	-	-	-	-	-	-	-	-
Cadmium	7.67-7.67	1	-	-	-	-	-	-	-	-	-
Chromium	31.9-33.3	2	33.3	-	-	-	-	-	-	-	-
Copper	68.1-266	7	-	-	-	71	-	-	-	-	68.1
Lead	68.4-754	8	-	-	-	228	-	-	-	-	196
Mercury	0.45-1.57	8	-	-	-	0.49	-	-	-	-	0.45
Zinc	160-1100	7	-	-	-	261	-	-	-	-	269

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

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

TABLE 13
Parameters Detected Above Track 1 Soil Cleanup Objectives

COMPOUND	Range in Exceedances	Frequency of Detection	15B9		15B11	15B12	15B14	15B19			15B20	Duplicate 3	Duplicate 4
			(3-5')	(10-15')	(0-2')	(12-14')	(1-3')	(0-2')	(18-20')	(20-25')	(0-2')		
			11/14/2016	11/14/2016	11/10/2016	11/10/2016	11/10/2016	11/14/2016	11/14/2016	11/14/2016	11/10/2016	11/14/2016	11/14/2016
<i>Sample Results in ug/kg</i>													
1,2,4-Trimethylbenzene	14000-910000	7	44,000	-	16,000	14,000	-	-	910,000	-	-	-	17,000
1,3,5-Trimethylbenzene	13000-320000	3	13,000	-	-	-	-	-	320,000	-	-	-	-
Acetone	53-920	8	640	53	920	-	64	-	-	-	-	-	400
Benzene	90-1900	7	800	-	1,900	650	240	-	-	-	-	-	-
Ethylbenzene	3200-190000	7	8,300	-	4,500	3,900	-	-	190,000	-	-	-	3,200
m&p-Xylenes	500-720000	10	32,000	-	9,600	16,000	-	-	720,000	2,000	-	-	2,500
Methyl Ethyl Ketone (2-Butanone)	160	1	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	89,000	1	-	-	-	-	-	-	89,000	-	-	-	-
n-Butylbenzene	70,000	1	-	-	-	-	-	-	70,000	-	-	-	-
n-Propylbenzene	4900-140000	5	5,600	-	-	-	-	-	140,000	-	-	-	6,100
o-Xylene	380-260000	8	13,000	-	5,600	6,700	-	-	260,000	640	-	-	-
sec-Butylbenzene	23,000	1	-	-	-	-	-	-	23,000	-	-	-	-
Tetrachloroethene	2400-22000	2	-	-	2,400	-	-	-	22,000	-	-	-	-
Toluene	1900-20000	3	1,900	-	15,000	-	-	-	20,000	-	-	-	-
trans-1,2-Dichloroethene	2,300	1	-	-	2,300	-	-	-	-	-	-	-	-
Vinyl Chloride	3,000	1	-	-	3,000	-	-	-	-	-	-	-	-
<i>Sample Results in ug/kg</i>													
Benz(a)anthracene	1500-1500	1	1,500	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1100-1100	1	1,100	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1100-1100	1	1,100	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	900-900	1	900	-	-	-	-	-	-	-	-	-	-
Chrysene	1100-1600	2	1,600	-	-	-	-	-	-	-	-	1,100	-
Indeno(1,2,3-cd)pyrene	530-720	5	630	-	720	-	-	600	-	-	-	610	-
Naphthalene	17,000	1	-	-	-	-	-	-	17,000	-	-	-	-
<i>Sample Results in ug/kg</i>													
4,4' -DDD	100-100	1	-	-	-	-	-	-	-	-	-	-	-
4,4' -DDE	72-72	1	-	-	-	-	-	-	-	-	-	-	-
4,4' -DDT	7.7-76	2	-	-	-	-	-	7.7	-	-	-	-	-
<i>Sample Results in mg/kg</i>													
Arsenic	13.7-13.7	1	-	-	-	-	13.7	-	-	-	-	-	-
Barium	446-446	1	-	-	446	-	-	-	-	-	-	-	-
Cadmium	7.67-7.67	1	-	-	7.67	-	-	-	-	-	-	-	-
Chromium	31.9-33.3	2	-	-	31.9	-	-	-	-	-	-	-	-
Copper	68.1-266	7	170	-	266	-	146	80.5	-	-	-	73.7	-
Lead	68.4-754	8	399	-	754	-	232	237	-	-	68.4	243	-
Mercury	0.45-1.57	8	0.65	-	0.81	-	0.47	1.57	-	-	0.71	1.04	-
Zinc	160-1100	7	431	-	1,100	-	677	165	-	-	-	160	-

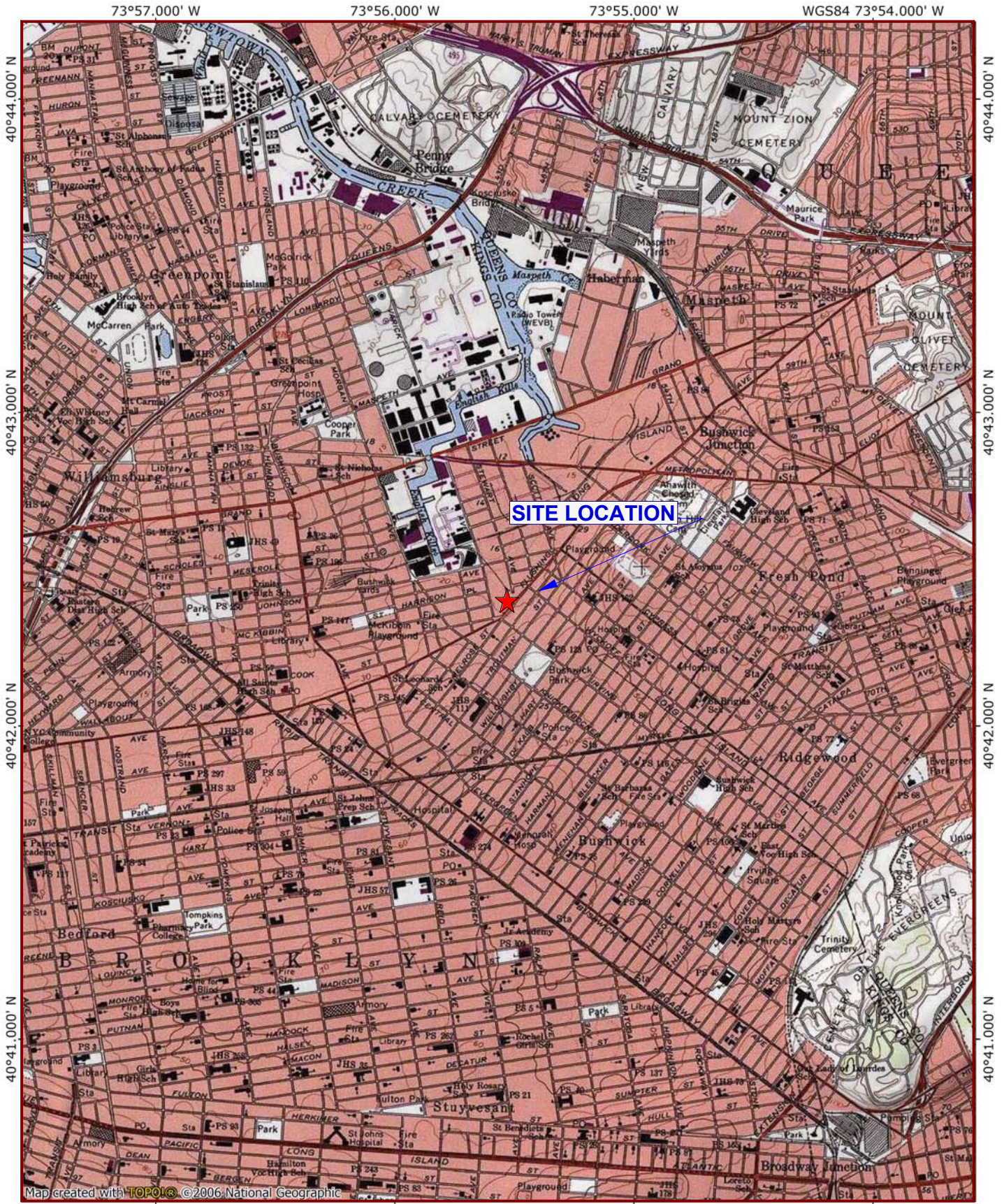
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
 Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Compound	Range of Exceedances	Frequency of Detection	MW1	MW2	MW3	MW4	MW5	MW6	MW7	MW8	MW9	MW10	MW14	MW15	GW Duplicate 1	GW Duplicate 2
			11/17/2016	11/17/2016	11/17/2016	11/17/2016	11/17/2016	11/16/2016	11/16/2016	11/17/2016	11/17/2016	11/16/2016	11/16/2016	11/17/2016	11/17/2016	11/16/2016
<i>Sample Results in ug/L</i>																
1,2,4-Trimethylbenzene	5.4-1400	7	140	300	730	-	-	610	-	5.4	-	17	1,400	-	-	-
1,3,5-Trimethylbenzene	18-400	5	18	110	280	-	-	190	-	-	-	-	400	-	-	-
4-Methyl-2-Pentanone	60-60	1	-	-	-	-	-	60	-	-	-	-	-	-	-	-
Acetone	53-290	3	-	53	-	-	-	290	-	180	-	-	-	-	-	-
Benzene	0.73-380	11	64	2.3	170	1.7	0.73	50	1.3	5.5	-	30	380	-	-	1.2
Ethylbenzene	19-940	6	440	230	570	-	-	440	-	-	-	19	940	-	-	-
Isopropylbenzene	22-79	5	26	22	79	-	-	29	-	-	-	-	64	-	-	-
m&p-Xylenes	9.7-3700	7	290	720	540	-	-	1,600	-	9.7	-	30	3,700	-	-	-
Methyl Ethyl Ketone (2-Butanone)	130-780	2	-	-	-	-	-	780	-	130	-	-	-	-	-	-
Methyl t-butyl ether (MTBE)	50-270	4	-	-	-	-	-	66	-	-	51	270	-	50	-	-
Naphthalene	58-250	5	58	73	190	-	-	110	-	-	-	-	250	-	-	-
n-Butylbenzene	9-20	4	-	9.3	20	-	-	9	-	-	-	-	16	-	-	-
n-Propylbenzene	44-200	5	44	53	200	-	-	78	-	-	-	-	170	-	-	-
o-Xylene	5.5-1500	7	70	210	130	-	-	590	-	5.5	-	21	1,500	-	-	-
p-Isopropyltoluene	5.2-5.2	1	-	-	5.2	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	6.5-13	4	-	6.7	13	-	-	6.5	-	-	-	-	12	-	-	-
Styrene	6.9-6.9	1	-	-	-	-	-	-	-	-	-	-	6.9	-	-	-
Tetrachloroethene	5.4-8.1	2	-	-	5.4	-	-	8.1	-	-	-	-	-	-	-	-
Toluene	15-1100	6	24	30	91	-	-	470	-	15	-	-	1,100	-	-	-
Trichloroethene	6.6-7.4	2	-	-	6.6	-	-	7.4	-	-	-	-	-	-	-	-
<i>Sample Results in ug/L</i>																
Naphthalene			51	40	130	-	-	100	-	-	-	-	260	-	-	-
<i>Sample Results in ug/L</i>																
PCB-1016	0.16	1	-	-	-	-	-	-	-	-	-	-	0.16	-	-	-
<i>Sample Results in mg/L</i>																
Arsenic (total)	0.035	1	-	-	-	-	-	-	-	0.035	-	-	-	-	-	-
Barium (total)	1.33	1	-	-	-	-	-	1.33	-	-	-	-	-	-	-	-
Cadmium (total)	0.018	1	-	-	-	-	-	0.018	-	-	-	-	-	-	-	-
Chromium (total)	0.052-0.097	2	0.052	-	-	0.097	-	-	-	-	-	-	-	-	-	-
Iron (total)	1.35-868	14	70.8	19.3	30.4	133	28.2	868	121	151	14.6	47.4	158	1.35	18.1	126
Lead (total)	0.051-0.059	2	0.051	-	-	-	-	0.059	-	-	-	-	-	-	-	-
Magnesium (total)	37.8-99.1	5	-	-	-	37.8	-	99.1	-	-	39.7	-	-	39.5	41.4	-
Manganese (total)	1.09-33	14	5.4	6.91	6.36	12.1	5.19	33	3.48	3.87	11.4	1.09	14.3	12.1	12.7	3.47
Sodium (total)	106-350	14	342	232	350	148	130	233	107	151	122	122	279	161	121	106
<i>Sample Results in mg/L</i>																
Barium (dissolved)	1.16	1	-	-	-	-	-	1.16	-	-	-	-	-	-	-	-
Cadmium (dissolved)	0.015	1	-	-	-	-	-	0.015	-	-	-	-	-	-	-	-
Iron (dissolved)	0.72-758	8	-	-	-	8.95	-	758	62.3	79.1	-	7.14	46.9	-	0.72	52.3
Lead (dissolved)	0.037	1	-	-	-	-	-	0.037	-	-	-	-	-	-	-	-
Magnesium (dissolved)	36.2-95.1	4	-	-	-	-	-	95.1	-	-	39.4	-	-	36.2	40.6	-
Manganese (dissolved)	0.999-44.8	14	3.43	6.75	5.54	9.87	4.56	44.8	3.37	3.14	11.1	0.999	13.5	11.9	11.5	3.09
Sodium (dissolved)	102-343	14	322	245	343	145	128	237	111	151	126	124	282	159	129	102

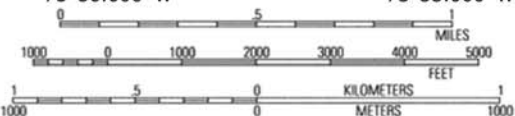
Notes:

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

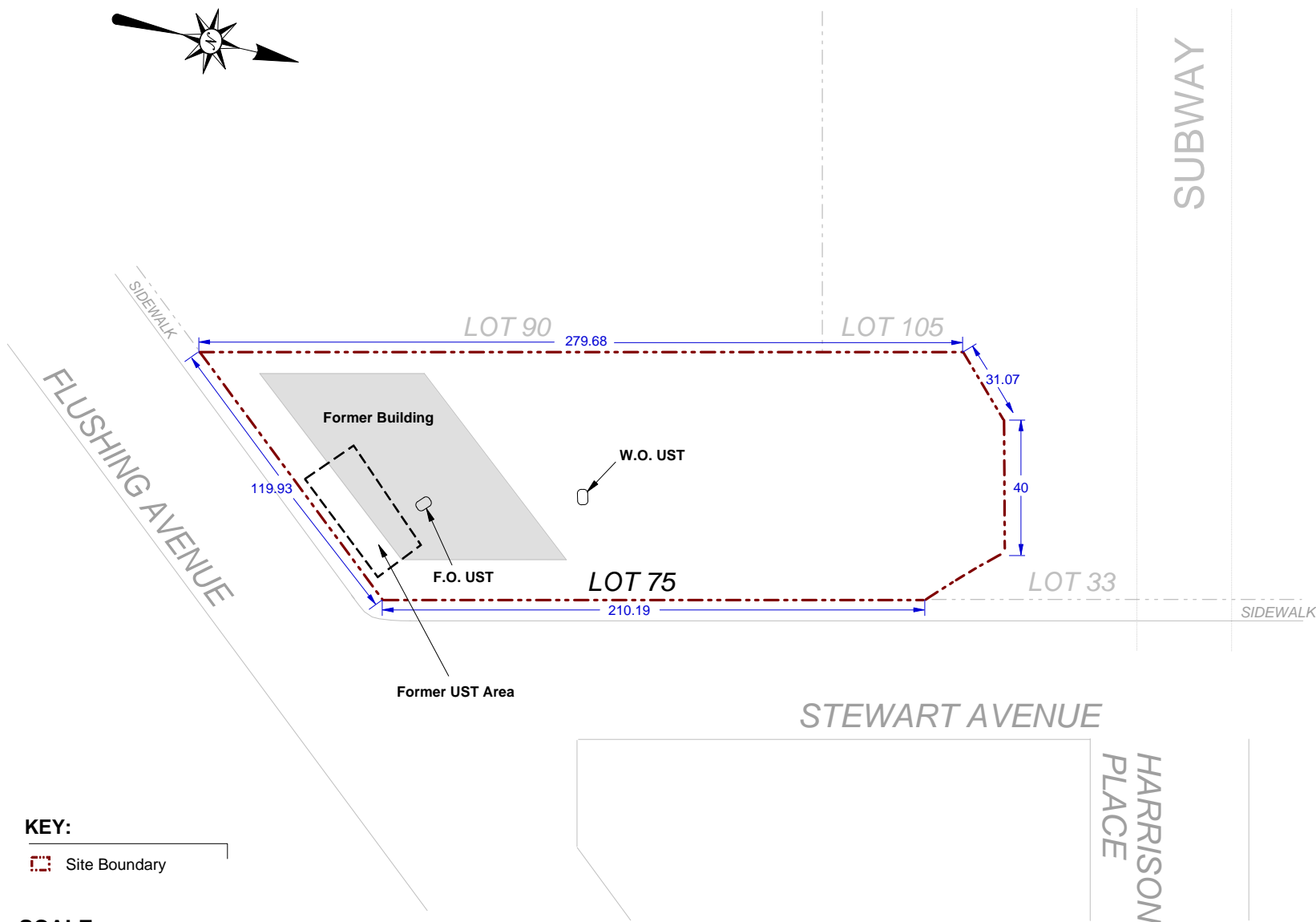
FIGURES



Map created with TOPOIG ©2006 National Geographic



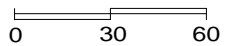
MN * TN
 13°
 12/12/16



KEY:

 Site Boundary

SCALE:



Scale: 1 inch = 60 feet

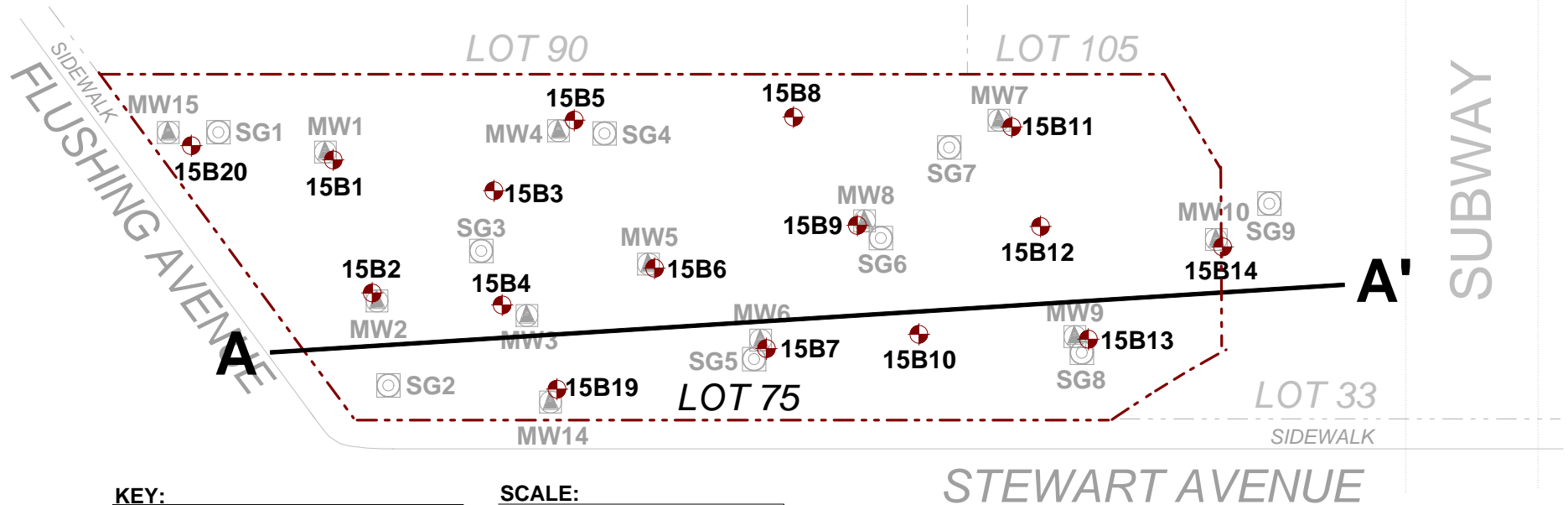


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**Figure
2**

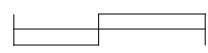
Site Name: **FORMER UNIVERSAL SCRAP METAL**
Site Address: **1181 FLUSHING AVENUE, BROOKLYN, NY**
Drawing Title: **SITE BOUNDARY MAP**



KEY:

-  Site Boundary
- 15Bx**
 Soil Boring Location
- MWx**
 Monitoring Well Location
- SGx**
 Soil Gas Location

SCALE:



0 20 45

Scale: 1 inch = 45 feet

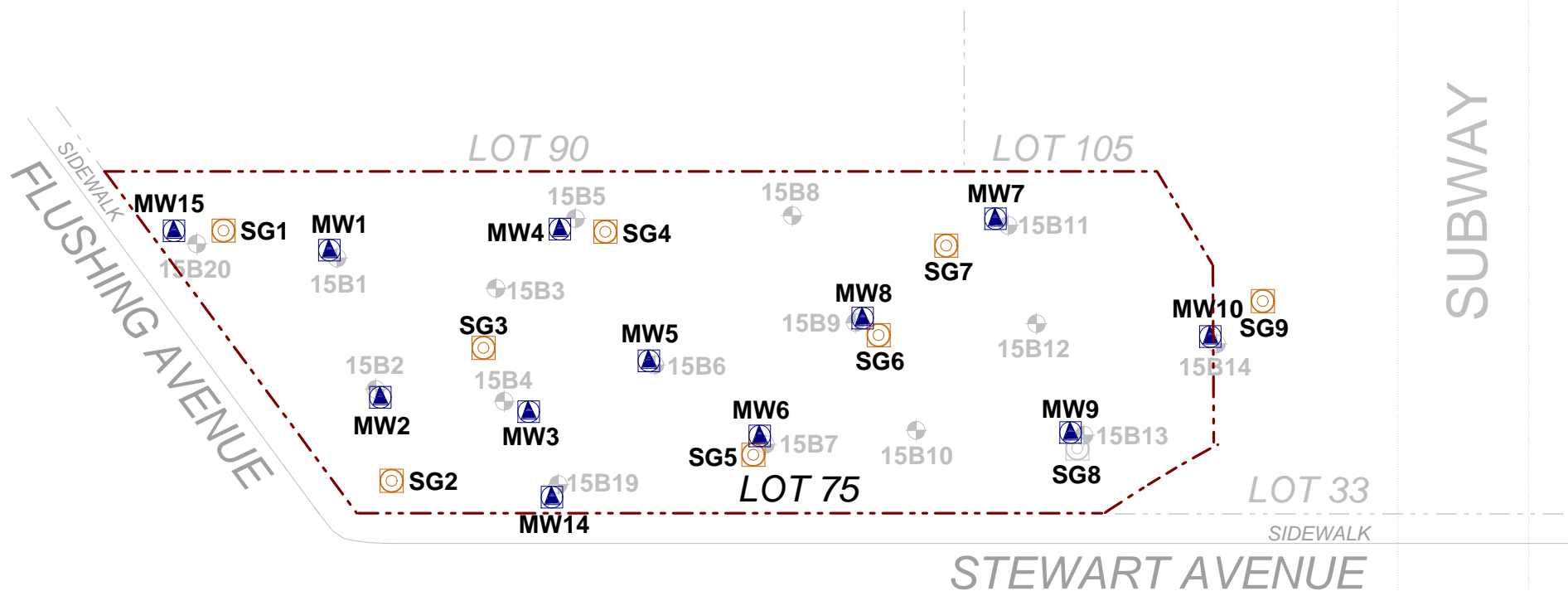


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Figure
3

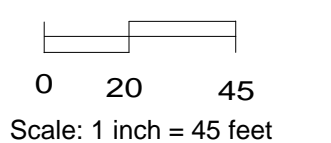
Site Name:	FORMER UNIVERSAL SCRAP METAL
Site Address:	1181 FLUSHING AVENUE, BROOKLYN, NY
Drawing Title:	SOIL SAMPLING LOCATIONS

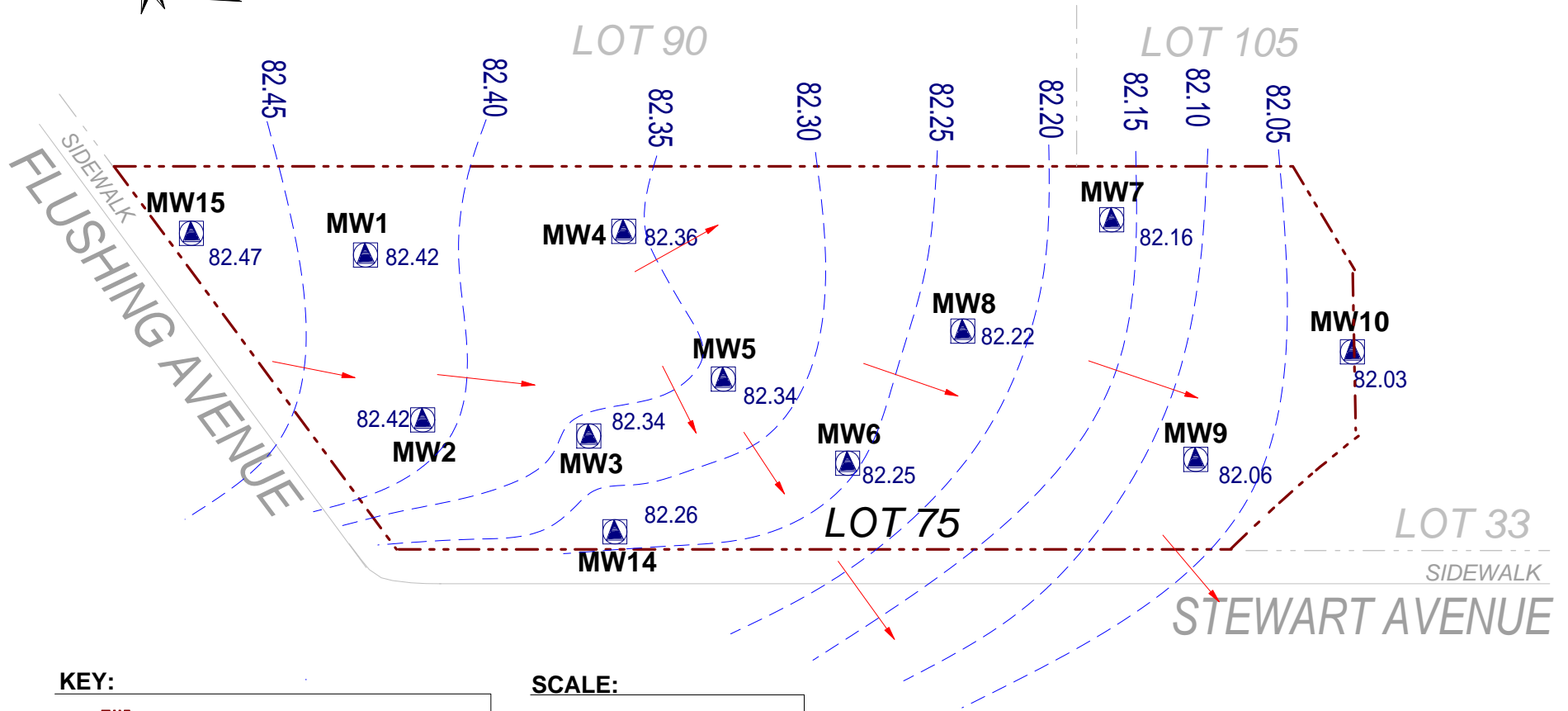


KEY:




-  Site Boundary
- MW_x**
 Monitoring Well Location
- SG_x**
 Soil Gas Location
- 15B_x**
 Soil Boring Location

SCALE:

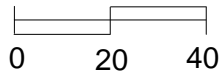




KEY:

-  Site Boundary
-  Direction of Groundwater Flow
- MWx**  Monitoring Well Location

SCALE:



Scale: 1 inch = 40 feet

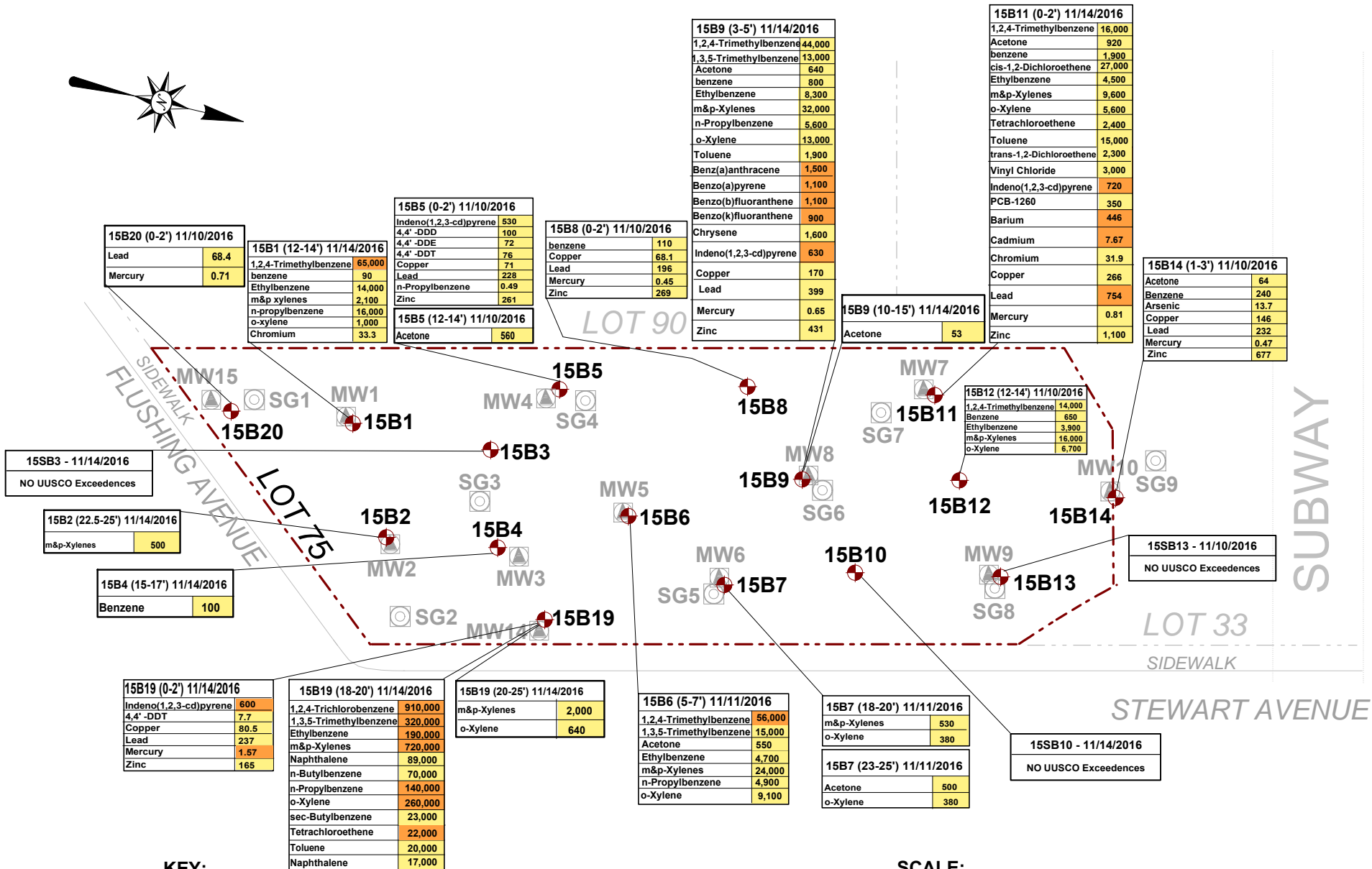


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Figure 5

Site Name: **FORMER UNIVERSAL SCRAP METAL**
Site Address: **1181 FLUSHING AVENUE, BROOKLYN, NY**
Drawing Title: **GROUNDWATER CONTOUR MAP**



15B20 (0-2') 11/10/2016

Lead	68.4
Mercury	0.71

15B1 (12-14') 11/14/2016

1,2,4-Trimethylbenzene	65,000
benzene	90
Ethylbenzene	14,000
m&p xylenes	2,100
n-propylbenzene	16,000
o-xylene	1,000
Chromium	33.3

15B5 (0-2') 11/10/2016

Indeno(1,2,3-cd)pyrene	530
4,4'-DDD	100
4,4'-DDE	72
4,4'-DDT	76
Copper	71
Lead	228
n-Propylbenzene	0.49
Zinc	261

15B5 (12-14') 11/10/2016

Acetone	560
---------	-----

15B8 (0-2') 11/10/2016

benzene	110
Copper	68.1
Lead	196
Mercury	0.45
Zinc	269

15B9 (3-5') 11/14/2016

1,2,4-Trimethylbenzene	44,000
1,3,5-Trimethylbenzene	13,000
Acetone	640
benzene	800
Ethylbenzene	8,300
m&p-Xylenes	32,000
n-Propylbenzene	5,600
o-Xylene	13,000
Toluene	1,900
Benzo(a)anthracene	1,500
Benzo(a)pyrene	1,100
Benzo(b)fluoranthene	1,100
Benzo(k)fluoranthene	900
Chrysene	1,600
Indeno(1,2,3-cd)pyrene	630
Copper	170
Lead	399
Mercury	0.65
Zinc	431

15B11 (0-2') 11/14/2016

1,2,4-Trimethylbenzene	16,000
Acetone	920
benzene	1,900
cis-1,2-Dichloroethene	27,000
Ethylbenzene	4,500
m&p-Xylenes	9,600
o-Xylene	5,600
Tetrachloroethene	2,400
Toluene	15,000
trans-1,2-Dichloroethene	2,300
Vinyl Chloride	3,000
Indeno(1,2,3-cd)pyrene	720
PCB-1260	350
Barium	446
Cadmium	7.67
Chromium	31.9
Copper	266
Lead	754
Mercury	0.81
Zinc	1,100

15B14 (1-3') 11/10/2016

Acetone	64
Benzene	240
Arsenic	13.7
Copper	146
Lead	232
Mercury	0.47
Zinc	677

15B12 (12-14') 11/10/2016

1,2,4-Trimethylbenzene	14,000
Benzen	650
Ethylbenzene	3,900
m&p-Xylenes	16,000
o-Xylene	6,700

15SB3 - 11/14/2016
NO UUSCO Exceedences

15B2 (22.5-25') 11/14/2016

m&p-Xylenes	500
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15B4 (15-17') 11/14/2016

Benzene	100
---------	-----

15SB13 - 11/10/2016
NO UUSCO Exceedences

15B19 (0-2') 11/14/2016

Indeno(1,2,3-cd)pyrene	600
4,4'-DDT	7.7
Copper	80.5
Lead	237
Mercury	1.57
Zinc	165

15B19 (18-20') 11/14/2016

1,2,4-Trichlorobenzene	910,000
1,3,5-Trimethylbenzene	320,000
Ethylbenzene	190,000
m&p-Xylenes	720,000
Naphthalene	89,000
n-Butylbenzene	70,000
n-Propylbenzene	140,000
o-Xylene	260,000
sec-Butylbenzene	23,000
Tetrachloroethene	22,000
Toluene	20,000
Naphthalene	17,000

15B19 (20-25') 11/14/2016

m&p-Xylenes	2,000
o-Xylene	640

15B6 (5-7') 11/11/2016

1,2,4-Trimethylbenzene	56,000
1,3,5-Trimethylbenzene	15,000
Acetone	550
Ethylbenzene	4,700
m&p-Xylenes	24,000
n-Propylbenzene	4,900
o-Xylene	9,100

15B7 (18-20') 11/11/2016

m&p-Xylenes	530
o-Xylene	380

15B7 (23-25') 11/11/2016

Acetone	500
o-Xylene	380

15SB10 - 11/14/2016
NO UUSCO Exceedences

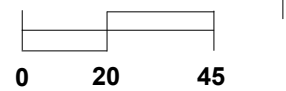
KEY:

- Site Boundary
- 15Bx** Soil Boring Location
- MWx** Monitoring Well Location
- SGx** Soil Gas Location

VOCs, SVOCs, PCBs, and Pesticides	ug/Kg
Metals	mg/Kg

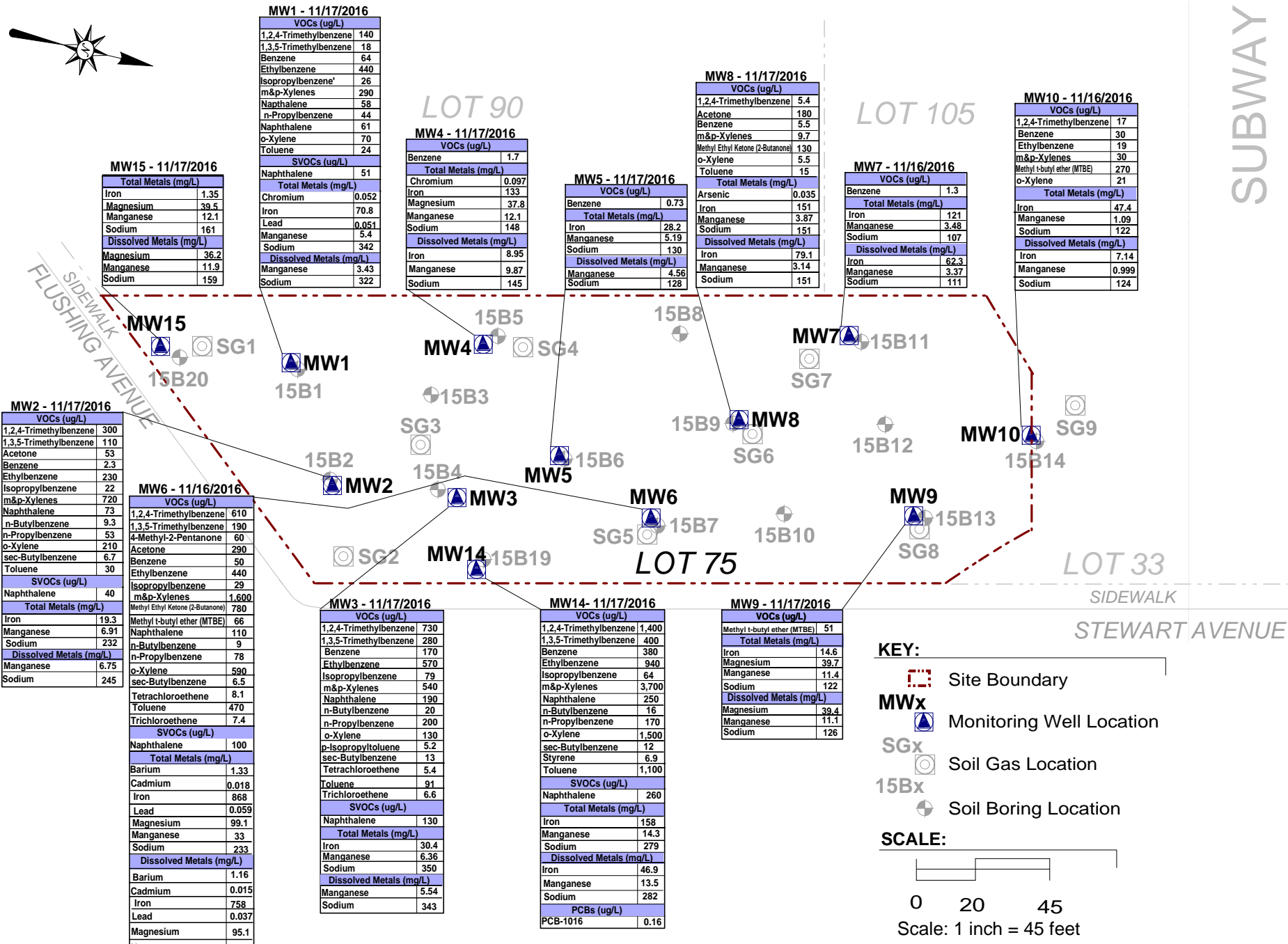
- Detections Above Unrestricted Use SCOs
- Detections Above Restricted Residential Use SCOs

SCALE:



Scale: 1 inch = 45 feet

SUBWAY



MW1 - 11/17/2016

VOCs (ug/L)	
1,2,4-Trimethylbenzene	140
1,3,5-Trimethylbenzene	18
Benzene	64
Ethylbenzene	440
Isopropylbenzene	26
m&p-Xylenes	290
Naphthalene	58
n-Propylbenzene	44
Naphthalene	61
o-Xylene	70
Toluene	24

SVOCs (ug/L)	
Naphthalene	51

Total Metals (mg/L)	
Iron	1.35
Magnesium	39.5
Manganese	12.1
Sodium	161

Dissolved Metals (mg/L)	
Magnesium	36.2
Manganese	11.9
Sodium	159

MW4 - 11/17/2016

VOCs (ug/L)	
Benzene	1.7

Total Metals (mg/L)	
Chromium	0.097
Iron	133
Magnesium	37.8
Manganese	12.1
Sodium	148

Dissolved Metals (mg/L)	
Iron	8.95
Manganese	9.87
Sodium	145

MW5 - 11/17/2016

VOCs (ug/L)	
Benzene	0.73

Total Metals (mg/L)	
Iron	28.2
Manganese	5.19
Sodium	130

Dissolved Metals (mg/L)	
Manganese	4.56
Sodium	128

MW8 - 11/17/2016

VOCs (ug/L)	
1,2,4-Trimethylbenzene	5.4
Acetone	180
Benzene	5.5
m&p-Xylenes	9.7
Methyl Ethyl Ketone (2-Butanone)	130
o-Xylene	5.5
Toluene	15

Total Metals (mg/L)	
Arsenic	0.035
Iron	151
Manganese	3.87
Sodium	151

Dissolved Metals (mg/L)	
Iron	79.1
Manganese	3.14
Sodium	151

MW10 - 11/16/2016

VOCs (ug/L)	
1,2,4-Trimethylbenzene	17
Benzene	30
Ethylbenzene	19
m&p-Xylenes	30
Methyl t-butyl ether (MTBE)	270
o-Xylene	21

Total Metals (mg/L)	
Iron	47.4
Manganese	1.09
Sodium	122

Dissolved Metals (mg/L)	
Iron	7.14
Manganese	0.999
Sodium	124

MW15 - 11/17/2016

Total Metals (mg/L)	
Iron	1.35
Magnesium	39.5
Manganese	12.1
Sodium	161

Dissolved Metals (mg/L)	
Magnesium	36.2
Manganese	11.9
Sodium	159

MW2 - 11/17/2016

VOCs (ug/L)	
1,2,4-Trimethylbenzene	300
1,3,5-Trimethylbenzene	110
Acetone	53
Benzene	2.3
Ethylbenzene	230
Isopropylbenzene	22
m&p-Xylenes	720
Naphthalene	73
n-Butylbenzene	9.3
n-Propylbenzene	53
o-Xylene	210
sec-Butylbenzene	6.7
Toluene	30

SVOCs (ug/L)	
Naphthalene	40

Total Metals (mg/L)	
Iron	19.3
Manganese	6.91
Sodium	232

Dissolved Metals (mg/L)	
Manganese	6.75
Sodium	245

MW6 - 11/16/2016

VOCs (ug/L)	
1,2,4-Trimethylbenzene	610
1,3,5-Trimethylbenzene	190
4-Methyl-2-Pentanone	60
Acetone	290
Benzene	50
Ethylbenzene	440
Isopropylbenzene	29
m&p-Xylenes	1,600
Methyl Ethyl Ketone (2-Butanone)	780
Methyl t-butyl ether (MTBE)	66
Naphthalene	110
n-Butylbenzene	9
n-Propylbenzene	78
o-Xylene	590
sec-Butylbenzene	6.5
Tetrachloroethene	8.1
Toluene	470
Trichloroethene	7.4

SVOCs (ug/L)	
Naphthalene	100

Total Metals (mg/L)	
Barium	1.33
Cadmium	0.018
Iron	868
Lead	0.059
Magnesium	99.1
Manganese	33
Sodium	233

Dissolved Metals (mg/L)	
Barium	1.16
Cadmium	0.015
Iron	758
Lead	0.037
Magnesium	95.1
Manganese	44.8
Sodium	237

MW3 - 11/17/2016

VOCs (ug/L)	
1,2,4-Trimethylbenzene	730
1,3,5-Trimethylbenzene	280
Benzene	170
Ethylbenzene	570
Isopropylbenzene	79
m&p-Xylenes	540
Naphthalene	190
n-Butylbenzene	20
n-Propylbenzene	200
o-Xylene	130
p-Isopropyltoluene	5.2
sec-Butylbenzene	13
Tetrachloroethene	5.4
Toluene	91
Trichloroethene	6.6

SVOCs (ug/L)	
Naphthalene	130

Total Metals (mg/L)	
Iron	30.4
Manganese	6.36
Sodium	350

Dissolved Metals (mg/L)	
Manganese	5.54
Sodium	343

MW14 - 11/17/2016

VOCs (ug/L)	
1,2,4-Trimethylbenzene	1,400
1,3,5-Trimethylbenzene	400
Benzene	380
Ethylbenzene	940
Isopropylbenzene	64
m&p-Xylenes	3,700
Naphthalene	250
n-Butylbenzene	16
n-Propylbenzene	170
o-Xylene	1,500
sec-Butylbenzene	12
Styrene	6.9
Toluene	1,100

SVOCs (ug/L)	
Naphthalene	260

Total Metals (mg/L)	
Iron	158
Manganese	14.3
Sodium	279

Dissolved Metals (mg/L)	
Iron	46.9
Manganese	13.5
Sodium	282

PCBs (ug/L)	
PCB-1016	0.16

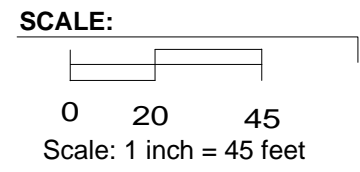
MW9 - 11/17/2016

VOCs (ug/L)	
Methyl t-butyl ether (MTBE)	51

Total Metals (mg/L)	
Iron	14.6
Magnesium	39.7
Manganese	11.4
Sodium	122

Dissolved Metals (mg/L)	
Magnesium	39.4
Manganese	11.1
Sodium	126

- KEY:**
- Site Boundary
 - MWx Monitoring Well Location
 - SGx Soil Gas Location
 - 15Bx Soil Boring Location





SG1 - 11/16/2016

1,2,4-Trimethylbenzene	1.24
Acetone	170
Benzene	1.16
Carbon Disulfide	1.6
Chloroform	2.73
Cyclohexane	1.02
Dichlorodifluoromethane	7.12
Ethanol	20.1
Ethylbenzene	1.74
Heptane	2.63
Hexane	1.14
Isopropylalcohol	1.91
Xylene (m&p)	5.9
Methyl Ethyl Ketone	3.48
Xylene (o)	2
Propylene	2.61
Tetrachloroethene	7.93
Toluene	4.29
Trichlorofluoromethane	25.7

SG3 - 11/16/2016

1,1,1-Trichloroethane	1.02
1,2,4-Trimethylbenzene	1.57
2-Hexanone	24.2
Acetone	62.7
Benzene	1.67
Dichlorodifluoromethane	3.73
Ethanol	50.7
Ethylbenzene	2.43
Heptane	2.47
Hexane	3.12
Xylene (m&p)	7.94
Methyl Ethyl Ketone	60.1
Xylene (o)	2.67
Propylene	41.1
Tetrachloroethene	34.3
Toluene	11
Trichloroethene	0.32
Trichlorofluoromethane	4.41

SG4 - 11/16/2016

1,2,4-Trimethylbenzene	1.75
4-Methyl-2-pentanone	512
Acetone	1,550
Benzene	122
Carbon Disulfide	32.7
cis-1,2-Dichloroethene	10.2
Cyclohexane	671
Dichlorodifluoromethane	1.57
Ethanol	953
Ethylbenzene	10.5
Heptane	317
Hexane	708
Isopropylalcohol	33.2
Isopropylbenzene	2.01
Xylene (m&p)	16.2
Methyl Ethyl Ketone	1,180
Xylene (o)	6.03
Propylene	347
Tetrachloroethene	2.6
Toluene	57.2
trans-1,2-Dichloroethene	1.42
Trichloroethene	7.46
Vinyl Chloride	1.56

SG6 - 11/16/2016

Benzene	766
Carbon Disulfide	209
cis-1,2-Dichloroethene	22.7
Cyclohexane	3,350
Ethanol	92.1
Ethylbenzene	45.6
Heptane	1,470
Hexane	3,210
Xylene (m&p)	23.5
Methyl Ethyl Ketone	1,480
Propylene	1,070
Trichloroethene	7.04
Vinyl Chloride	29.9

SG7 - 11/16/2016

Benzene	619
cis-1,2-Dichloroethene	109
Cyclohexane	15,500
Heptane	12,900
Hexane	28,000
Methyl Ethyl Ketone	169
MTBE	2,560
Tetrachloroethene	14.4
Trichloroethene	11.3
Vinyl Chloride	2,530

SG9 - 11/16/2016

1,2,4-Trimethylbenzene	94.8
1,3,5-Trimethylbenzene	75.2
Benzene	299
Ethanol	44.1
Heptane	16,100
Hexane	38,000
Xylene (m&p)	568
MTBE	11,300
Xylene (o)	111
Propylene	580
Vinyl Chloride	36

SG2 - 11/16/2016

Carbon Tetrachloride	0.51
Dichlorodifluoromethane	2.48
Ethanol	17.1
Heptane	1.35
Hexane	3.56
Methylene Chloride	7.33
Tetrachloroethene	1.96
Toluene	1.19
Trichlorofluoromethane	1.99

SG5 - 11/16/2016

Benzene	1,140
Cyclohexane	17,500
Ethylbenzene	146
Heptane	8,110
Hexane	19,800
Xylene (m&p)	378
Methyl Ethyl Ketone	1,390
Xylene (o)	125
Propylene	1,090
Tetrachloroethene	3.25
Toluene	1,180
Trichloroethene	4.08

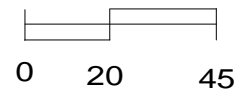
SG8 - 11/16/2016

Ethanol	30.7
Hexane	128
Methyl Ethyl Ketone	233
MTBE	6,450
Toluene	48.6
Vinyl Chloride	13.9

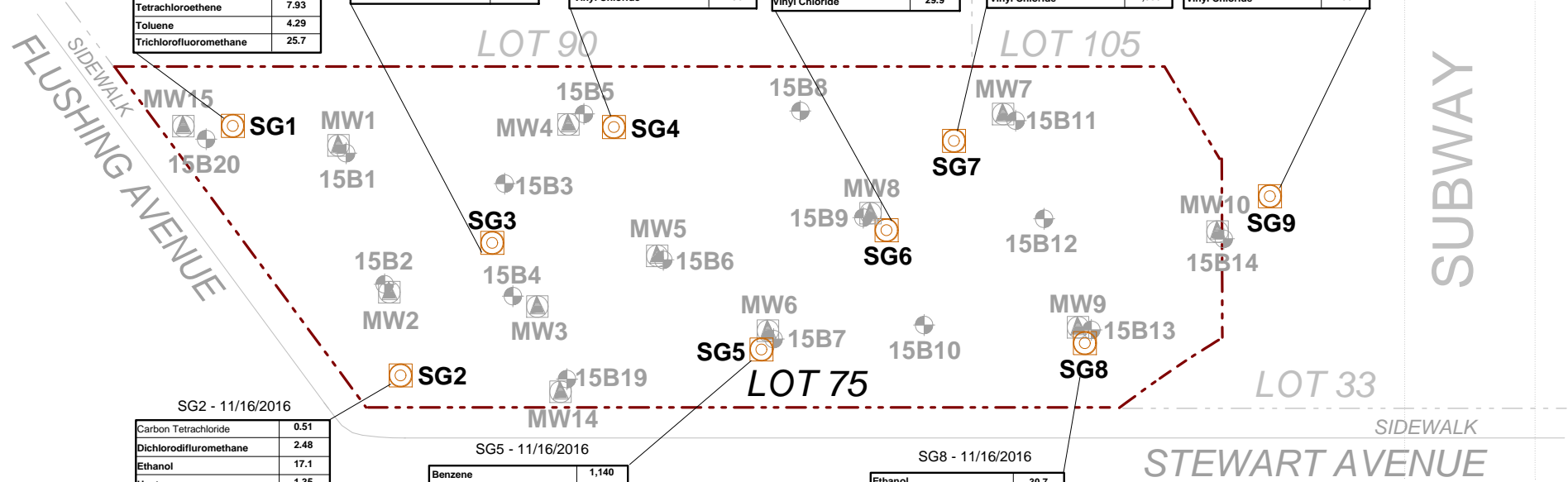
KEY:

- Site Boundary
- SGx Soil Gas Location
- 15Bx Soil Boring Location
- MWx Monitoring Well Location

SCALE:



Scale: 1 inch = 45 feet



ENVIRONMENTAL BUSINESS CONSULTANTS

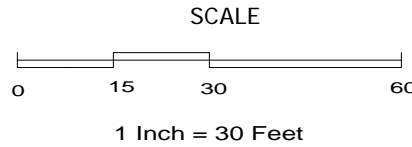
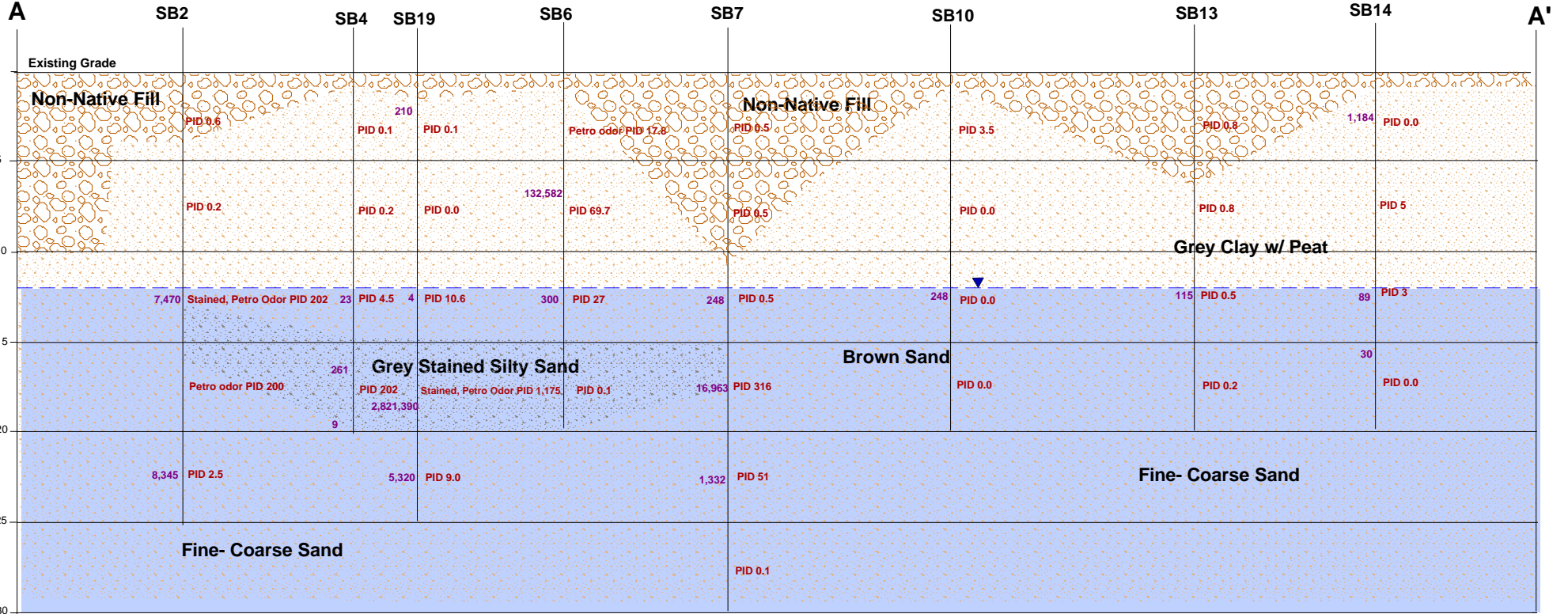
Phone 631.504.6000
Fax 631.924.2870

Figure 8

Site Name: **FORMER UNIVERSAL SCRAP METAL**
Site Address: **1181 FLUSHING AVENUE, BROOKLYN, NY**
Drawing Title: **SOIL GAS DETECTIONS MAP**

South

North



Vertical
Exaggeration
3.5 X



ENVIRONMENTAL BUSINESS CONSULTANTS
1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961

Phone: 631.504.6000
Fax: 631.924.2780

FORMER UNIVERSAL SCRAP METAL
1181 FLUSHING AVENUE, BROOKLYN, NY

FIGURE 9 CROSS-SECTION A-A'

APPENDIX – A
Geophysical Investigation Report

GEOPHYSICAL ENGINEERING SURVEY REPORT

Commercial Property

1181 Flushing Avenue

Brooklyn, New York 11237

NOVA PROJECT NUMBER

16-0483

DATED

November 14, 2016

PREPARED FOR:

EB C

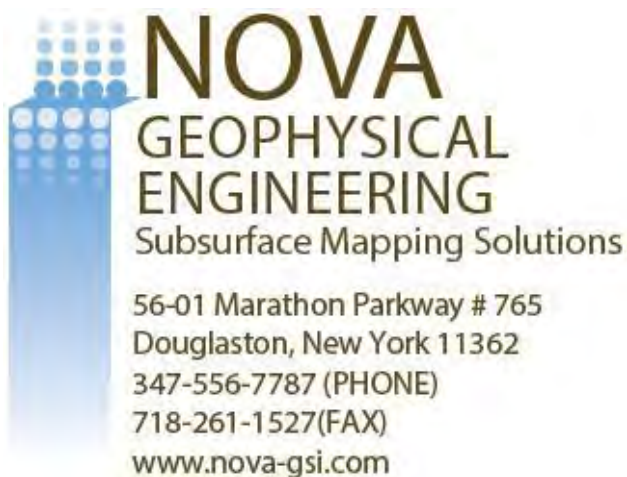
Environmental Business Consultants

1808 Middle Country Rd,

Ridge, NY 11961

(631) 504-6000

PREPARED BY:



NOVA GEOPHYSICAL SERVICES

SUBSURFACEMAPPINGSOLUTIONS

56-01 Marathon Parkway, # 765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.nova-gsi.com

November 14, 2016

Kevin Waters, PG
Field Operations Manager
EB C
Environmental Business Consultants
1808 Middle Country Road,
Ridge, New York 11961
Ph: (631) 504-6000 ext. 123

Re: Geophysical Engineering Survey (GES) Report
Commercial Property
1181 Flushing Avenue
Brooklyn, New York 11237

Dear Mr. Waters:

Nova Geophysical Services (NOVA) is pleased to provide findings of the geophysical engineering survey (GES) at the above referenced project site: Commercial Property, 1181 Flushing Avenue, Brooklyn, New York (the "Site"). Please see attached Site Location and Geophysical Survey maps for more details.

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a Geophysical engineering surveys (GES) consisting of a Ground Penetrating Radar (GPR) survey at the site. The purpose of this survey is to locate and identify USTs, anomalies, utilities and other substructures and to clear and mark proposed environmental boring areas on November 11, 2016

The equipment selected for this investigation was a Noggin 250 MHz ground penetrating radar (GPR) shielded antenna and 3M DYNATL.

A GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulses into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.



GEOPHYSICAL METHODS

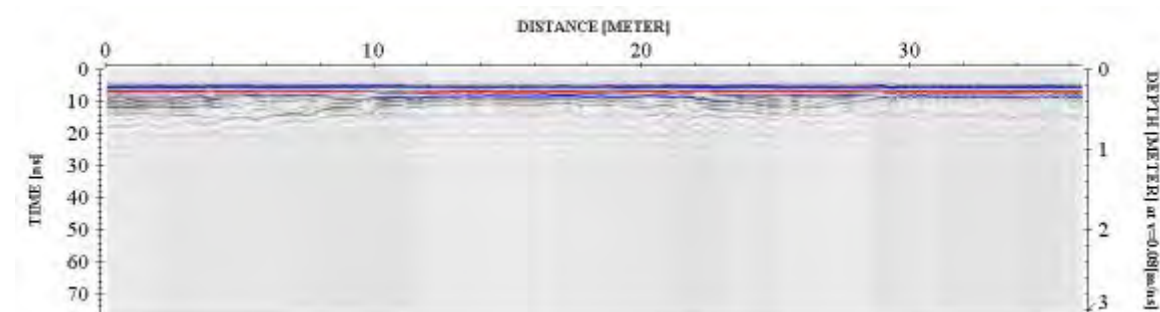
The project site was screened using the GPR to search the specified and inspected for reflections, which could be indicative of substructures and utilities within the subsurface.

GPR data profiles were collected for the areas of the Site specified by the client. The surveyed areas consisted of dirt surfaces.

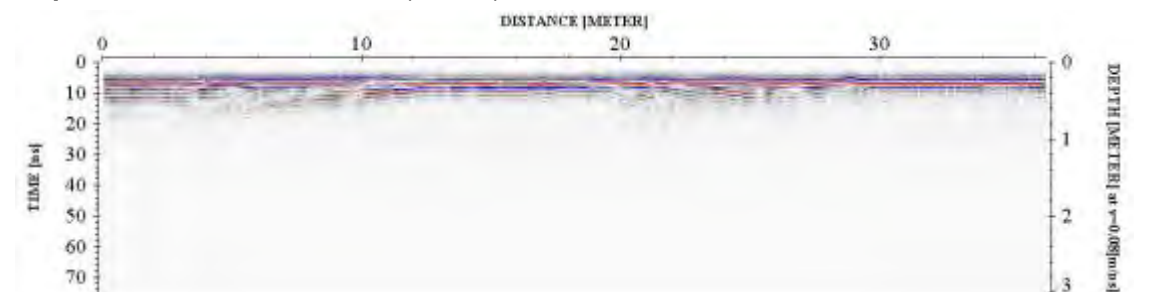
DATA PROCESSING

In order to improve the quality of the results and to better identify subsurface anomalies NOVA processed the collected data. The processes flow is briefly described at this section.

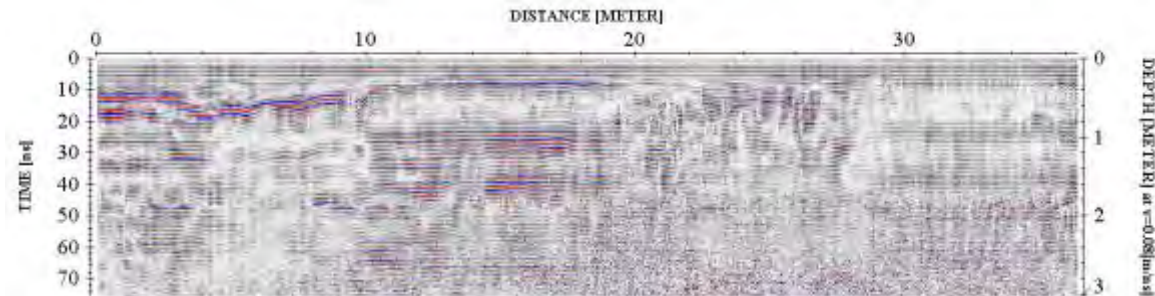
Step 1. Import raw RAMAC data to standard processing format



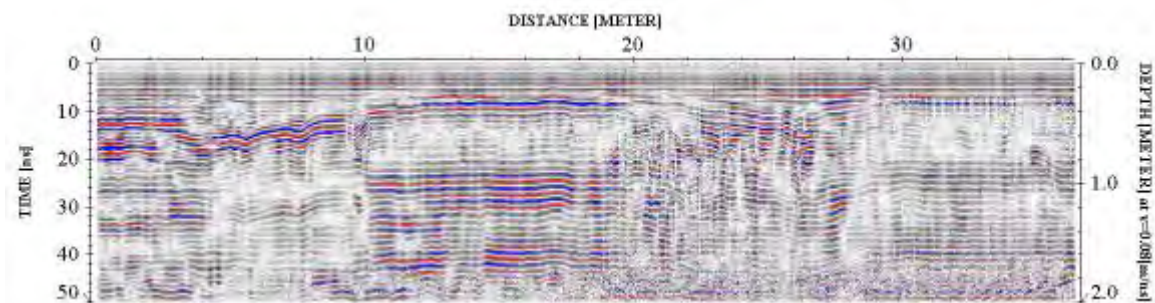
Step 2. Remove instrument noise (*dewow*)



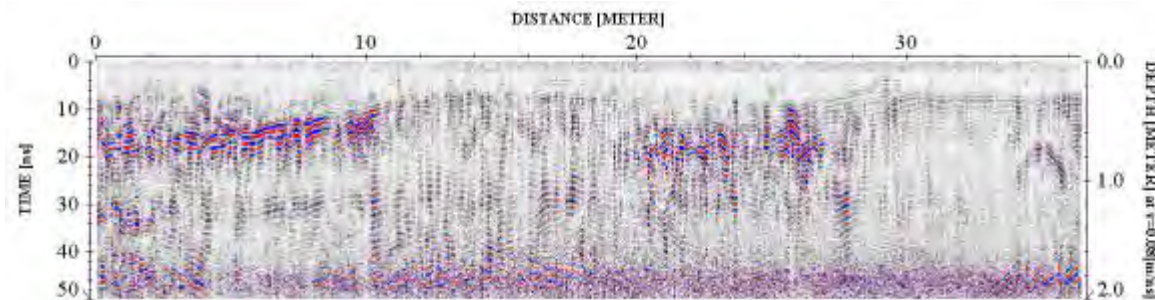
Step 3. Correct for attenuation losses (*energy decay function*)



Step 4. Remove static from bottom of profile (*time cut*)



Step 5. Mute horizontal ringing/noise (*subtracting average*)



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and describes the subsurface anomalies more accurately.

PHYSICAL SETTINGS

Nova observed following physical conditions at the time of the survey:

The weather: Rainy

Temp: 60 Degrees (F).

Surface: Dirt surfaces

Geophysical Noise Level (GNL): Geophysical Noise Level (GNL) was high at the site. The noise was a result of the site being located in an urban environment and having undergone prior demolition.

RESULTS

The results of the geophysical engineering survey (GES) identified following at the project Site:

- GES survey identified scattered anomalies located throughout the project site. Based on their rates and proximity, these anomalies were inconsistent with any USTs. These areas were indicated on the on-site markout.
- A high noise area was located on the site, consistent with prior excavation. These are indicated both on-site and on the survey map.
- Geophysical Survey Plan portrays the areas investigated during the geophysical survey.

If you have any questions please do not hesitate to contact the undersigned.

Sincerely,

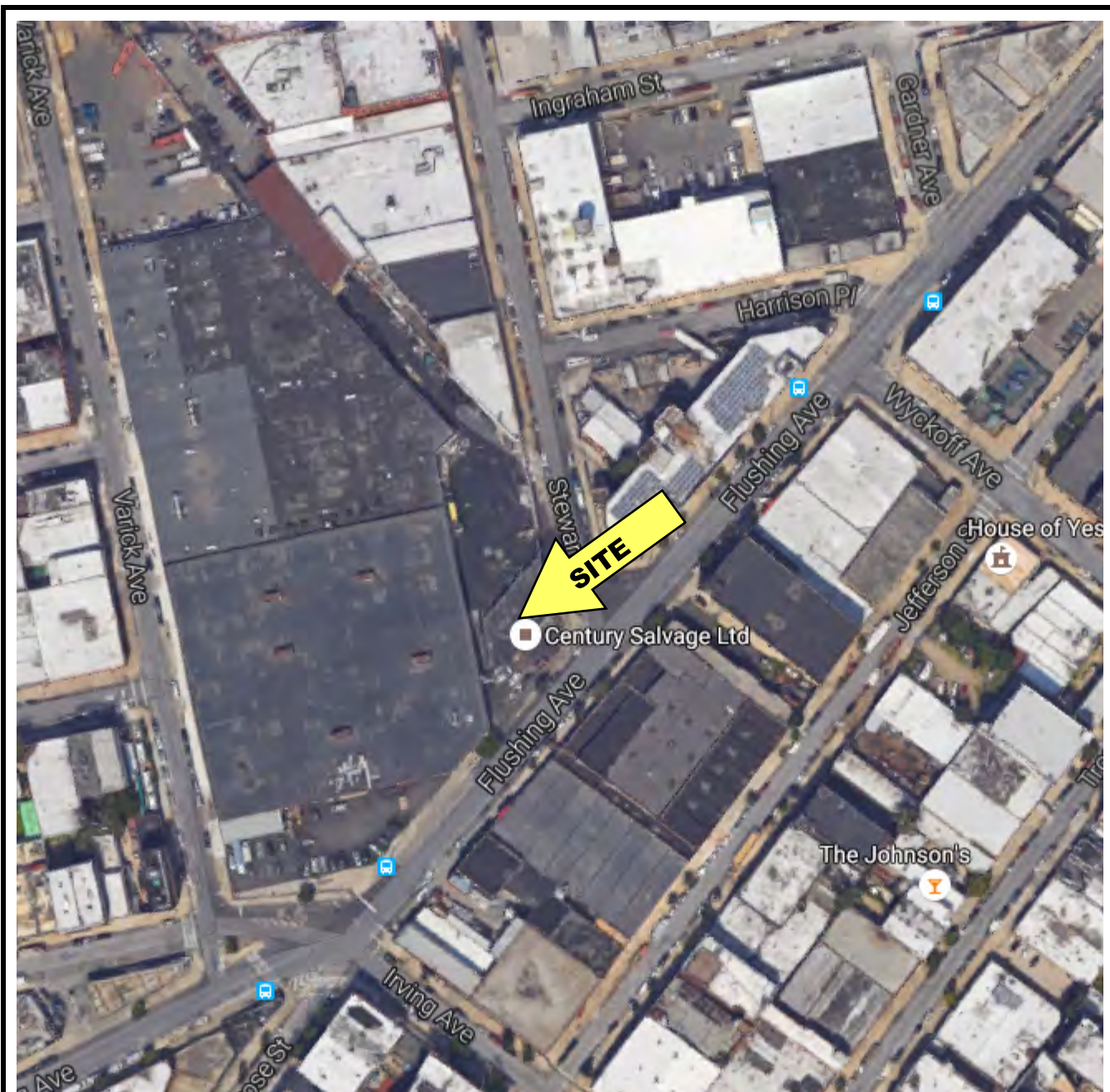
NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.
Project Engineer

Attachments:

Figure 1 Site Location Map
Geophysical Survey Plan
Geophysical Images



200 ft.

FIGURE 1
SITE LOCATION MAP

NOVA
Geophysical Services

Subsurface Mapping Solutions

56-01 Marathon Pkwy, # 765, Douglaston, NY11362
(347) 556-7787 Fax (718) 261-1528

www.nova-gsi.com

SITE: Commercial Property
1181 Flushing Avenue
Brooklyn, New York 11237

SCALE: See Map



1- All anomalies were marked in the field.

NOVA Geophysical Services

Subsurface Mapping Solutions
56-01 Marathon Parkway, PO Box 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

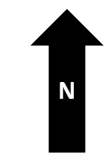
GEOPHYSICAL SURVEY PLAN

SITE : Commercial Property
1181 Flushing Avenue
Brooklyn, New York 11237

CLIENT: EBC
DATE: November 11, 2016
Scale: See Map

- Survey Area
- High Noise Area

INFORMATION



75 ft.

GEOPHYSICAL IMAGES

Commercial Property
1181 Flushing Avenue
Brooklyn, New York 11237
November 11th, 2016



APPENDIX - B
Soil Boring Logs

Geologic Boring Log Details



15B2

Location: Performed 28' from south and 32' from east property boundaries		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address:	Date	DTW
Former Universal Scrap	1181 Flushing Avenue Brooklyn NY		Ground Elevation
Drilling Company:		Method:	
C Squared Environmental		Geoprobe	
Date Started:		Date Completed:	
11/14/2016		11/14/2016	
Completion Depth:		Geologist	
25 feet		Thomas Gallo	
		Groundwater depth	Well Specifications
		12.5	

15B2 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	27		0.6	4" - dark brown sandy fill 9" - concrete 4" - dark brown sandy fill 10" - med brown sand
	5				
	to	35		0.2	12" - med-coarse brown sand 23" - fine brown sand
	10				
	to	36		202	9" - fine brown sand 11" - damp fine brown sand 4" - wet brown silt 12" - wet stained gray-black silt w/ petrol odors <i>* retained soil sample 15B2 (12-14')</i>
	15				
	to	37		200	11" - wet fine gray sand w/ petrol odors 15" - wet gray-brown silt w/ petrol odors 11" - wet med brown sand
	20				
	to	14		2.5	14" - wet fine brown sand <i>* retained soil sample 15B2 (22.5-25')</i>
	25				

Geologic Boring Log Details



15B3

Location: Performed 85' from south and 32.5' from west property boundaries		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Former Universal Scrap	Address: 1181 Flushing Avenue Brooklyn NY	Date	DTW
		Groundwater depth	Ground Elevation
Drilling Company: C Squared Environmental	Method: Geoprobe	Well Specifications	
Date Started: 11/14/2016	Date Completed: 11/14/2016	12.5	
Completion Depth: 20 feet	Geologist: Thomas Gallo		

15B3 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	31		0.2	9" - brown-black silty fill 16" - brown sandy silt w/ glass at bottom 6" - med tan sand
	5				
	to	34		0.1	34" - fine-med brown sand
	10				
	to	21		0.1	5" - fine brown sand 8" - damp fine brown silty sand 8" - wet brown-gray silt
	15				<i>* retained soil sample 15B3 (12-14')</i>
	to	21		0.3	6" - wet brown sandy silt 15" - wet fine gray-brown sand
	20				

Geologic Boring Log Details



15B7

Location: Performed 129' from south and 20' from east property boundaries		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address:	Date	DTW
Former Universal Scrap	1181 Flushing Avenue Brooklyn NY	Groundwater depth	
Drilling Company:	Method:	Well Specifications	
C Squared Environmental	Geoprobe	12.5	
Date Started:	Date Completed:		
11/11/2016	11/11/2016		
Completion Depth:	Geologist		
30 feet	Thomas Gallo		

15B7 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	34		0.5	34" - gray-black silty fill w/ brick
	5				
	to	10		0.5	10" - gray-brown silty sandy fill
	10				
	to	21		0.5	1" - gray-brown silty sandy fill 13" - wet fine tan sand w/ light sewage odors 7" - wet tan sandy silt
	15				<i>* retained soil sample 15B7 (12-14')</i>
	to	30		316	19" - wet fine-med grayish brown sand 11" - stained wet fine sand w/ petrol/sewage odor
	20				<i>* retained soil sample 15B7 (18-20')</i>
	to	35		51	10" - stained wet fine sand w/ light petrol odors 25" - wet gray-brown fine sand
	25				<i>* retained soil sample 15B7 (23-25')</i>
	to	10		0.1	10" - wet fine gray-brown sand
	30				

Geologic Boring Log Details



15B12

Location: Performed 231' from south and 42' from west property boundaries		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Former Universal Scrap	Address: 1181 Flushing Avenue Brooklyn NY	Date	DTW
Drilling Company: C Squared Environmental		Groundwater depth	
Method: Geoprobe		12.5	
Date Started: 11/10/2016	Date Completed: 11/10/2016	Well Specifications	
Completion Depth: 25 feet	Geologist Kevin Waters		

15B12 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	28		55	10" - moist brown sand and gravel 6" - black stained fine sand with petrol odors 12" - gray-black fine sand w/ gasoline odors
	5				
	to	27		55	9" - moist fine black sand and silt 11" - moist gray-black fine-med sand 7" - fine gray sandy silt w/ petrol odors
	10				
	to	34		55	16" - fine gray sand 18" - wet fine-med gray/black sand
	15				<i>* retained soil sample 15B12 (12-14')</i>
	to	28		3	15" - saturated med-fine gray/black sand 13" - saturated coarse black sand w/ petrol odor
	20				
	to	24		0.0	24" - wet dark gray sand
	25				<i>* retained soil sample 15B12 (20-22')</i>

Geologic Boring Log Details



15B14

Location: Performed 255' from south and 29' from east property boundaries			Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Universal Scrap		Address: 1181 Flushing Avenue Brooklyn NY			Date	DTW
Drilling Company: C Squared Environmental		Method: Geoprobe			Groundwater depth	
Date Started: 11/10/2016		Date Completed: 11/10/2016			12.5	
Completion Depth: 20 feet		Geologist Kevin Waters			Well Specifications	

15B14 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	42		0.0	42" - fine gray sandy fill w/ gravel
	5				<i>* retained soil sample 15B14 (1-3')</i>
	to	49		5	49" - fine dark gray-brown sand w slight odors
	10				
	to	32		3	16" - med gray sand w/ slight odors 16" - wet fine-coarse sand w/ slight odors
	15				<i>* retained soil sample 15B14 (12-14')</i>
	to	32		0.0	32" - wet fine-coarse gray sand
	20				<i>* retained soil sample 15B14 (14-16')</i>

Geologic Boring Log Details



15B19

Location: Performed 60' from south and 4' from east property boundaries		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Universal Scrap		Address: 1181 Flushing Avenue Brooklyn NY		Date	DTW
Drilling Company: C Squared Environmental		Method: Geoprobe		Groundwater depth	
Date Started: 11/14/2016		Date Completed: 11/14/2016		12.5	
Completion Depth: 25 feet		Geologist: Thomas Gallo		Well Specifications	

15B19 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	27		0.1	23" - dark brown silty fill 4" - fine brown sand <i>* retained soil sample 15B19 (0-2')</i>
	5				
	to	21		0.0	21" - fine-med dark brown silty sand
	10				
	to	38		10.6	4" - med brown sand 10" - fine brown-tan sand 11" - damp fine brown sand 13" - wet fine gray sand w/ light petrol odors <i>* retained soil sample 15B19 (12-14')</i>
	15				
	to	41		1,175	19" - wet fine gray sand w/ petrol odors 22" - wet stained fine gray silty sand w/ strong petrol odors <i>* retained soil sample 15B19 (18-20')</i>
	20				
	to	14		9.0	14" - wet fine brown sand <i>* retained soil sample 15B19 (20-25')</i>
	25				

Geologic Boring Log Details



15B20

Location: Performed 9' from south and 21' from west property boundaries		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address:	Date	DTW
Former Universal Scrap	1181 Flushing Avenue Brooklyn NY		Ground Elevation
Drilling Company:		Method:	
C Squared Environmental		Geoprobe	
Date Started:		Date Completed:	
11/10/2016		11/10/2016	
Completion Depth:		Geologist	
20 feet		Thomas Gallo	
		Groundwater depth	Well Specifications
		12.5	

15B20 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	34		0.1	9" - brown silty fill w/ brick and concrete 9" - fine brown sand 16" - fine brown silty sand <i>* retained soil sample 15B20 (0-2')</i>
	5				
	to	35		0.0	7" - brown silty sand 16" - fine brown sand 12" - brown sandy silt
	10				
	to	37		0.0	11" - damp brown silt 3" - wet fine red/brown sand 23" - wet med-coarse tan sand <i>* retained soil sample 15B20 (12-14')</i>
	15				
	to	0		0	no recovery
	20				

APPENDIX – C
Monitoring Well Completion Reports

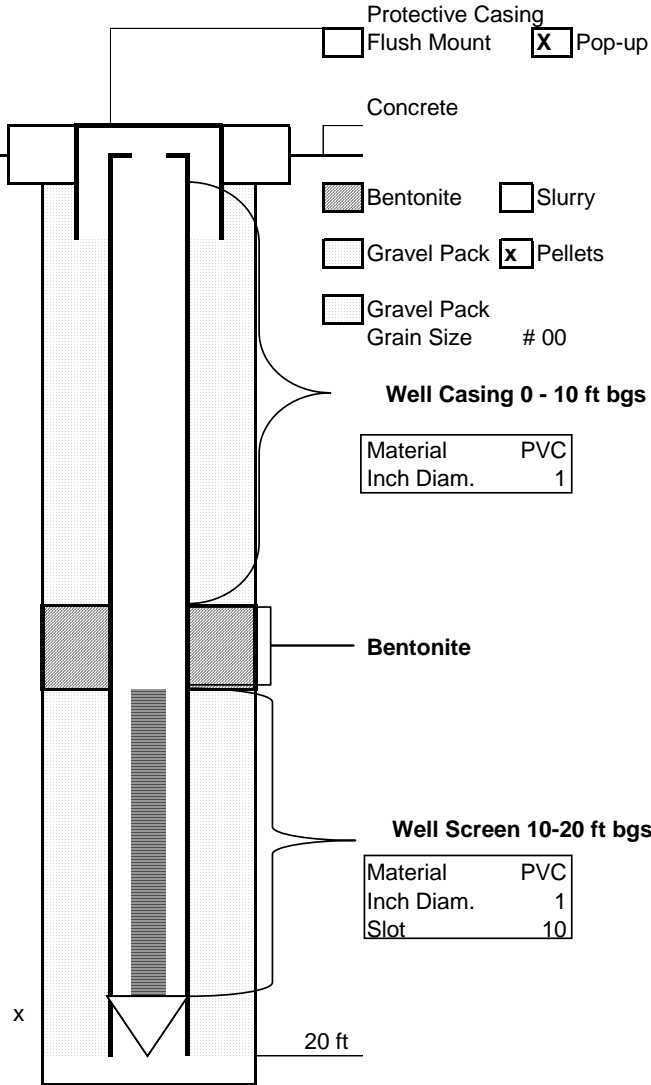


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW1



Monitoring Well No.: MW1

Project: 1181 Flushing Avenue, Brooklyn NY

Depth to Groundwater: 12.6 Date: 12/7/2016

Installation Depth: 20ft bg

Survey Point Elevation: 4.98

Installation Date: 11/11/2016

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

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

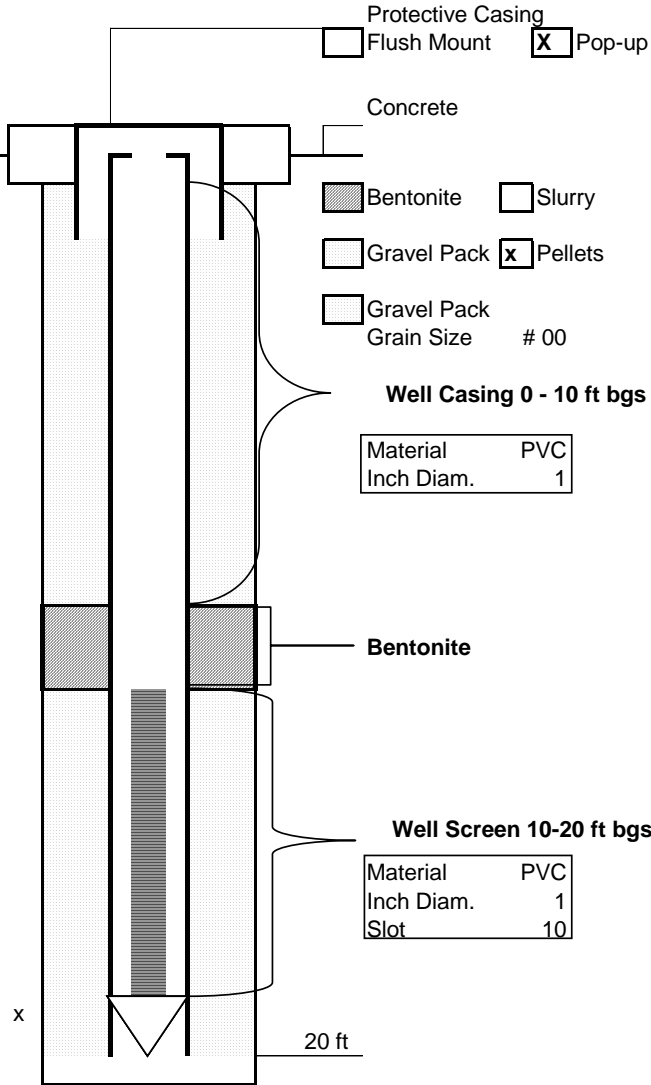


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW2



Monitoring Well No.: MW2

Project: 1181 Flushing Avenue, Brooklyn NY

Depth to Groundwater: 12.04 Date: 12/7/2016

Installation Depth: 20ft bg

Survey Point Elevation: 5.54

Installation Date: 11/11/2016

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

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

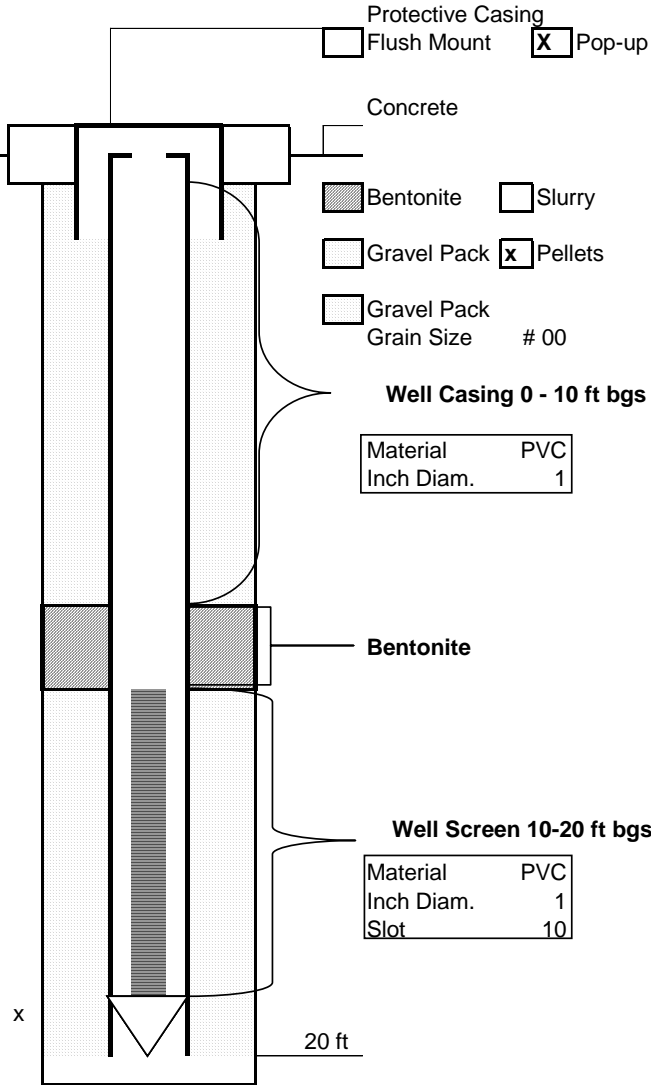


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW3



Monitoring Well No.: MW3

Project: 1181 Flushing Avenue, Brooklyn NY

Depth to Groundwater: 12.48 Date: 12/7/2016

Installation Depth: 20ft bg

Survey Point Elevation: 5.18

Installation Date: 11/11/2016

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

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

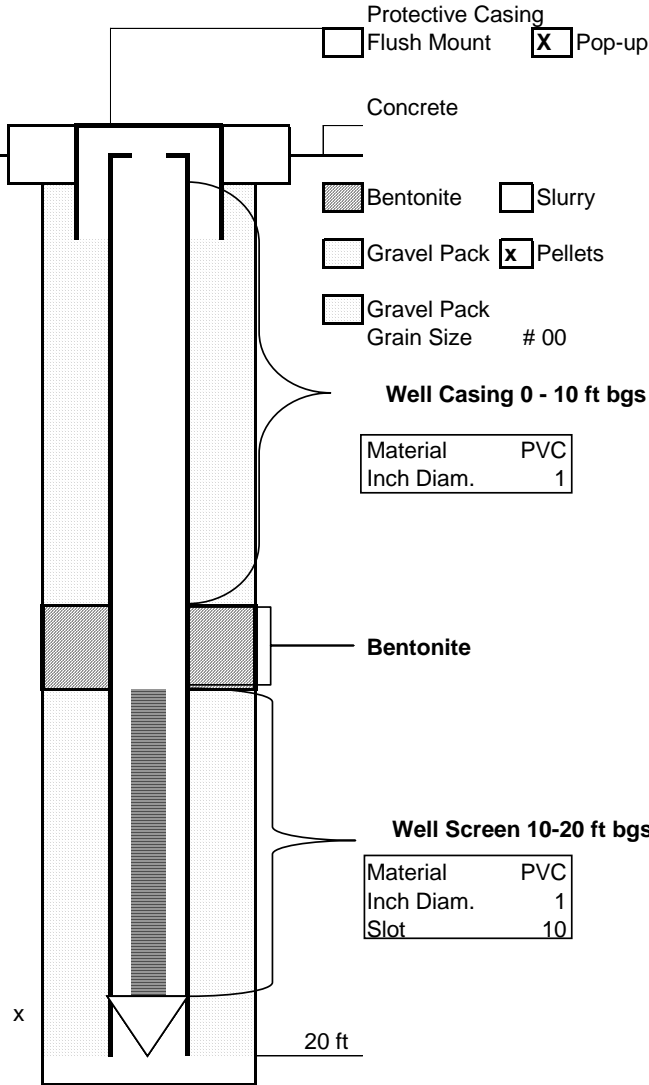


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW4



Monitoring Well No.: MW4

Project: 1181 Flushing Avenue, Brooklyn NY

Depth to Groundwater: 12.5 Date: 12/7/2016

Installation Depth: 20ft bg

Survey Point Elevation: 5.14

Installation Date: 11/11/2016

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

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

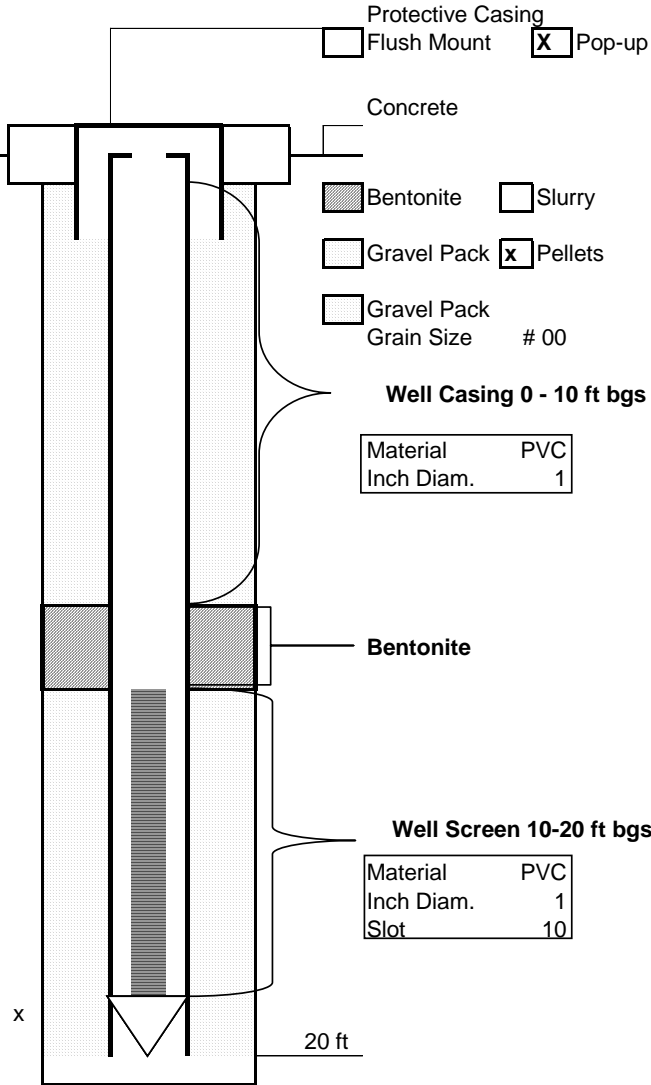


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW5



Monitoring Well No.: MW5

Project: 1181 Flushing Avenue, Brooklyn NY

Depth to Groundwater: 12.52 Date: 12/7/2016

Installation Depth: 20ft bg

Survey Point Elevation: 5.14

Installation Date: 11/11/2016

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

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

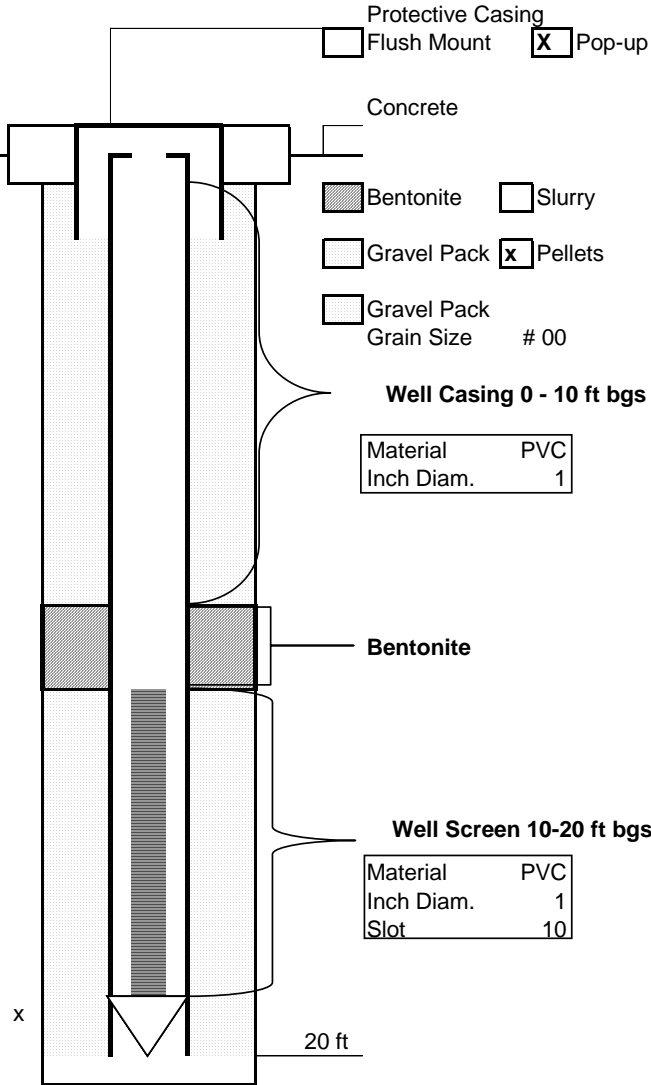


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW6



Monitoring Well No.: MW6

Project: 1181 Flushing Avenue, Brooklyn NY

Depth to Groundwater: 13.19 Date: 12/7/2016

Installation Depth: 20ft bg

Survey Point Elevation: 4.56

Installation Date: 11/11/2016

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

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

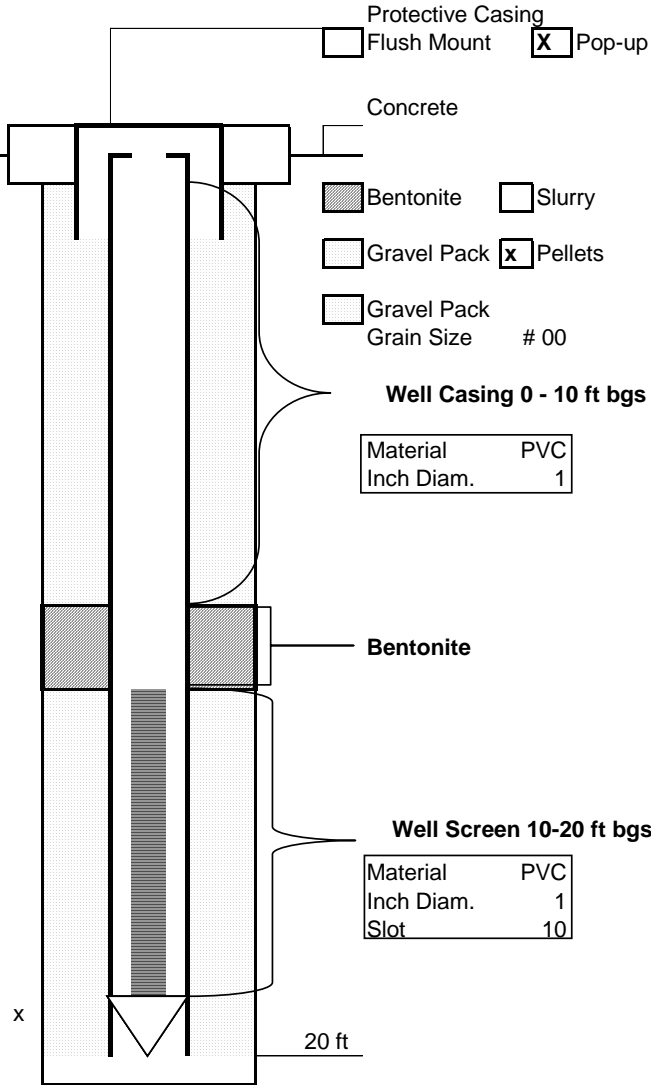


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW7



Monitoring Well No.: MW7

Project: 1181 Flushing Avenue, Brooklyn NY

Depth to Groundwater: 12.5 Date: 12/7/2016

Installation Depth: 20ft bg

Survey Point Elevation: 5.34

Installation Date: 11/14/2016

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

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

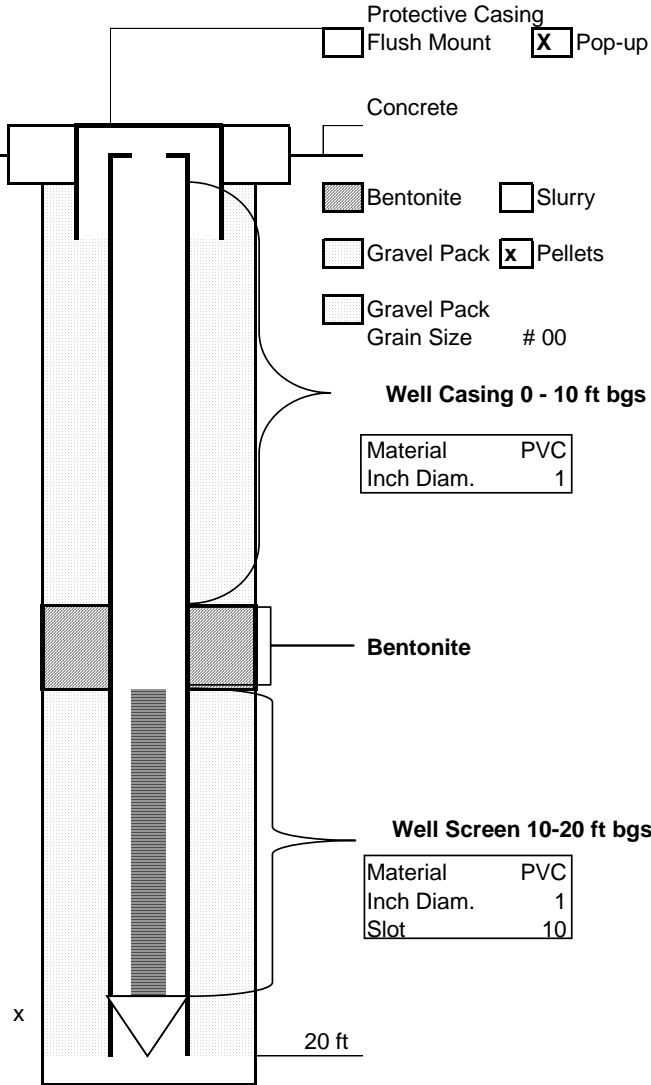


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW8



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

Monitoring Well No.: MW8

Project: 1181 Flushing Avenue, Brooklyn NY

Depth to Groundwater: 12.64 Date: 12/7/2016

Installation Depth: 20ft bg

Survey Point Elevation: 5.14

Installation Date: 11/14/2016

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

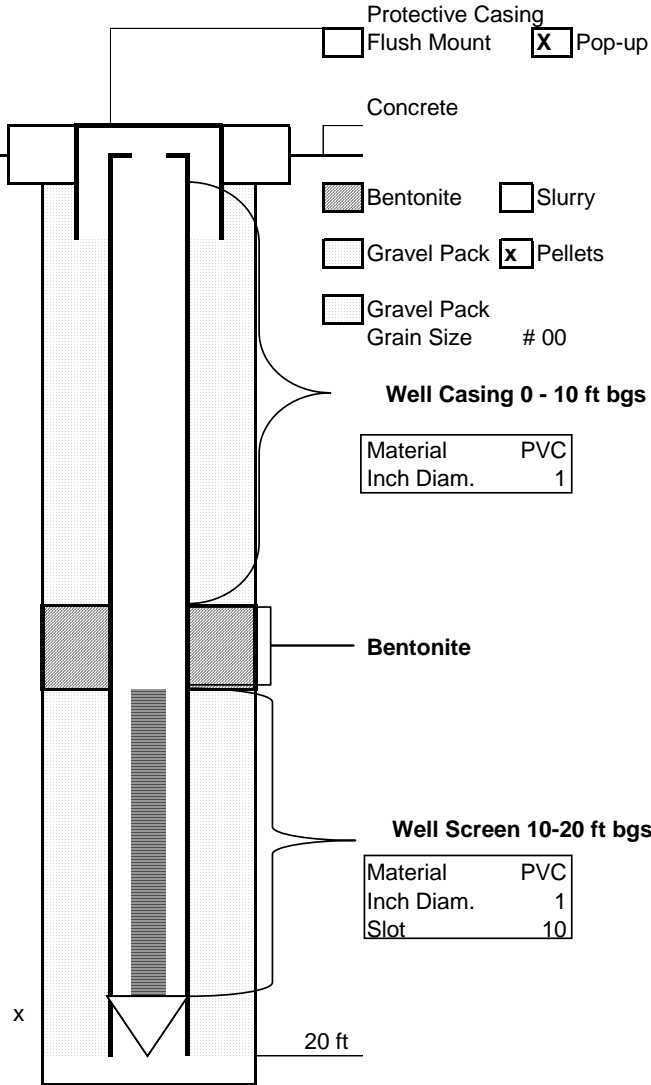


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW9



Monitoring Well No.: MW9

Project: 1181 Flushing Avenue, Brooklyn NY

Depth to Groundwater: 13.19 Date: 12/7/2016

Installation Depth: 20ft bg

Survey Point Elevation: 4.75

Installation Date: 11/14/2016

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

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

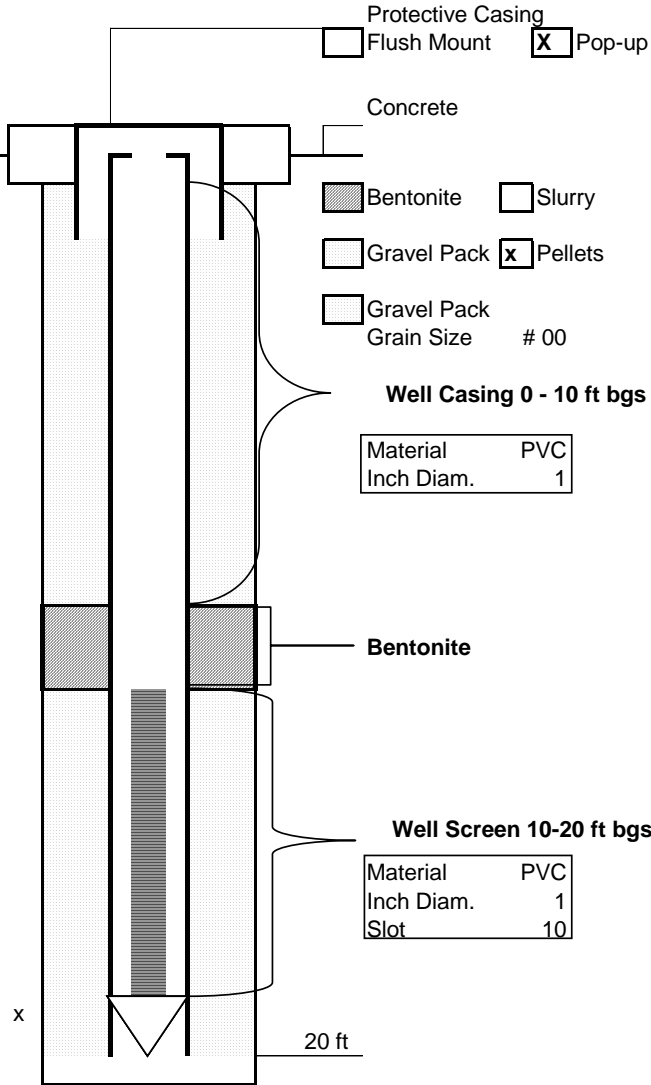


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW10



Monitoring Well No.: MW10

Project: 1181 Flushing Avenue, Brooklyn NY

Depth to Groundwater: 12.69 Date: 12/7/2016

Installation Depth: 20ft bg

Survey Point Elevation: 5.28

Installation Date: 11/14/2016

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

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

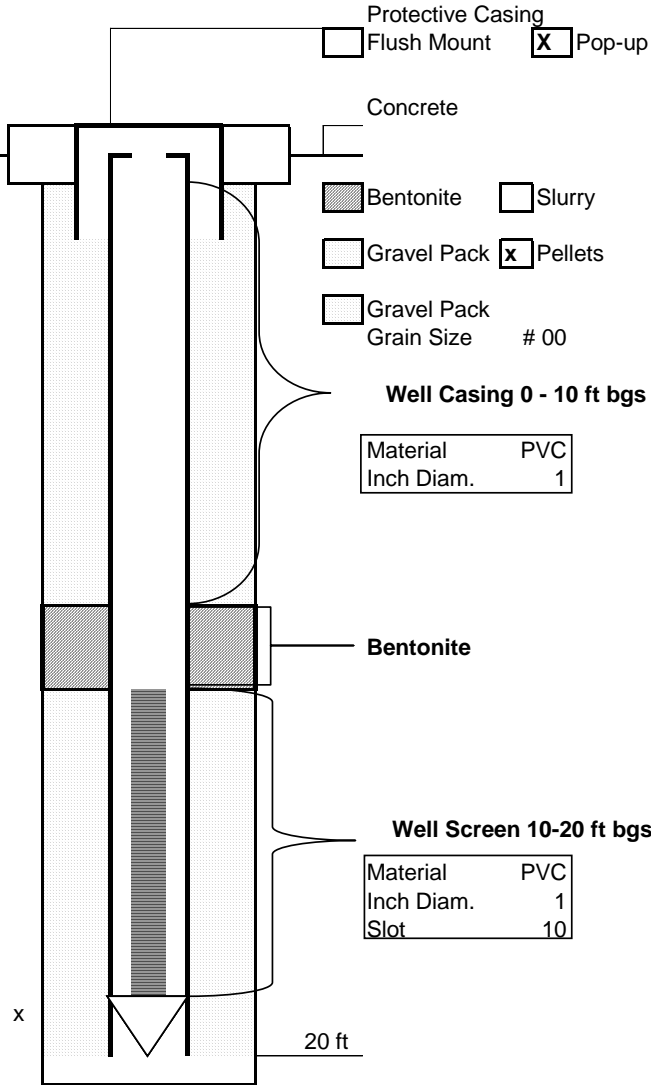


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW14



Monitoring Well No.: MW14

Project: 1181 Flushing Avenue, Brooklyn NY

Depth to Groundwater: 12.9 Date: 12/7/2016

Installation Depth: 20ft bg

Survey Point Elevation: 4.84

Installation Date: 11/14/2016

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

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

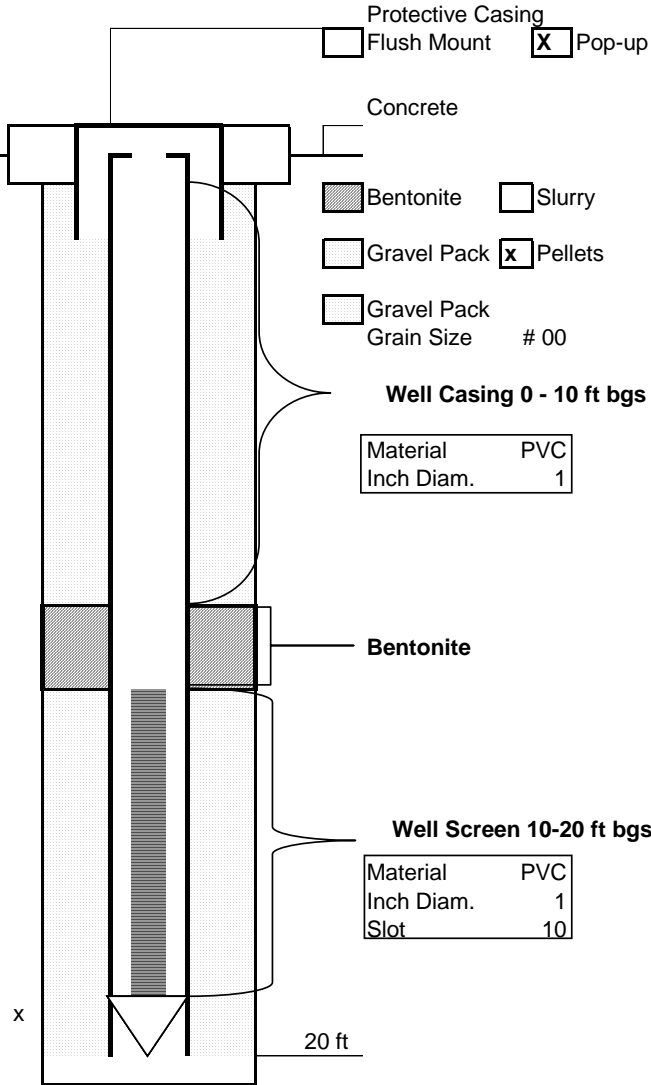


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW15



Monitoring Well No.: MW15

Project: 1181 Flushing Avenue, Brooklyn NY

Depth to Groundwater: 11.97 Date: 12/7/2016

Installation Depth: 20ft bg

Survey Point Elevation: 5.56

Installation Date: 11/14/2016

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

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

APPENDIX - D
Groundwater Sampling Logs



ENVIRONMENTAL BUSINESS CONSULTANTS

1181 Flushing Avenue

GROUNDWATER PURGE / SAMPLE LOGS

Well I.D.: MW1

Well Depth (from TOC):

Static Water Level (from TOC):

Height of Water in Well:

Gallons of Water per Well Volume: $\times 3 = 6.74$

Flow Rate: 400ml/min.

Date:

11-17-16

Equipment:

Peristaltic Pump, Hobas

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
0	400 ml/min	0	6.35	2.36	16.52	3.46	-130	762	1.51	light turbidity, Petrol odor
+3		0.4	6.53	2.34	17.59	1.76	-179	246	1.50	Petrol odor
+5		1	6.60	2.35	17.64	1.48	-146	75	1.50	Petrol odor
+5		1.6	6.62	2.37	17.71	1.39	-201	30	1.52	clear
+5		2.2	6.62	2.36	17.73	1.38	-201	19.3	1.51	clear
+5		2.8	6.62	2.36	17.74	1.36	-202	12.1	1.51	clear

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

1181 Flushing Avenue

GROUNDWATER PURGE / SAMPLE LOGS

Well I.D.: MW2

Date: 11-17-16

Well Depth (from TOC):

Equipment: Horiba Peristaltic Pump

Static Water Level (from TOC):

20
12.04
7.96

Height of Water in Well:

Gallons of Water per Well Volume: X3 = 0.80

Flow Rate: 400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
0	400 ml/min	0	6.93	2.04	18.07	2.38	-117	876	1.31	turbid
+3	↓	0.4	6.62	2.07	18.08	1.44	-123	323	1.32	light petrol odors
+5	↓	1	6.51	2.01	18.09	1.24	-129	83.2	1.28	clear
+5	↓	1.6	6.49	1.98	18.08	1.20	-131	48.4	1.27	clear
+5	↓	2.2	6.48	1.99	18.07	1.19	-132	17.6	1.28	clear

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

1181 Flushing Avenue

GROUNDWATER PURGE / SAMPLE LOGS

Well I.D.: MW3

Date:

11-17-16

Well Depth (from TOC):

Equipment:

20
12.48
7.52

Harley Peristaltic Pump

Static Water Level (from TOC):

Height of Water in Well:

Gallons of Water per Well Volume: X3 = 6.75

Flow Rate:

400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
0	400 ml/min	0	6.34	2.20	18.75	2.09	-63	445	1.41	turbid
+3	↓	6.4	6.49	2.19	18.63	1.34	-120	359	1.40	light turbidity
+5	↓	1	6.51	2.15	18.67	1.21	-124	197	1.38	clear
+5	↓	1.6	6.51	2.14	18.68	1.16	-128	64	1.37	clear
+5		2.2	6.51	2.13	18.69	1.14	-130	18	1.35	clear

Note: 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER PURGE / SAMPLE LOGS

Well I.D.: MW4

Date: 11-17-16

Well Depth (from TOC):

Equipment: Horiba, Peristaltic Pump.

Static Water Level (from TOC):

20
12.50

Height of Water in Well:

7.5

Gallons of Water per Well Volume: x3 =

0.75

Flow Rate:

400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	TDS	Comments
0	400 ml/min	0	7.75	3.50	17.70	2.20	-89	53	1.99	Turbid
x3		0.4	7.69	3.97	17.59	2.00	-97	45	2.09	Light turbidity
x5		1	7.61	4.35	17.49	1.39	-105	34	2.25	clear
x5		1.6	7.42	4.46	17.44	1.23	-109	25	2.13	clear
x5		2.2	7.40	4.58	17.44	1.17	-121	12.6	2.17	clear
x5		2.8	7.43	4.59	17.43	1.16	-131	8.2	2.18	clear

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

1181 Flushing Ave

GROUNDWATER PURGE / SAMPLE LOGS

Well I.D.: MNS

Date:

11-17-16

Well Depth (from TOC):

Equipment:

Horiba, Peristaltic Pump

Static Water Level (from TOC):

20
12.52
7.48

Height of Water in Well:

Gallons of Water per Well Volume: $x3 =$ 0.75

Flow Rate: 400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
0	400ml/min	0	6.63	1.34	20.28	1.78	-154	1000	0.857	Turbid
+3		0.4	6.74	1.34	19.41	1.36	-186	665	0.856	Turbid
+5		1	6.76	1.36	18.26	1.36	-194	340	0.873	light turbidity
+5		1.6	6.77	1.37	18.09	1.37	-197	69.4	0.875	clear
+5		2.2	6.78	1.37	18.03	1.37	-199	23.7	0.876	clear
+5		2.8	6.77	1.38	18.03	1.36	-201	15.1	0.876	clear

Note 400 ml = 0.11 gallons

1181 Flushing Avenue

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW6

Date: 11-16-16

Well Depth (from TOC): 20

Equipment: Horiba, Peristaltic Pump

Static Water Level (from TOC): 13.19

Height of Water in Well: 6.81

Gallons of Water per Well Volume: 43: 0.681

Flow Rate: 400ml/min

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
0	400ml/min	0	5.99	2.24	19.85	3.79	-104	1600+	1.66	Turbid
+3		0.4	5.99	3.53	19.37	1.56	-134	1000+	2.29	light turbidity
+5		1	5.97	3.69	19.25	1.42	-135	996	2.47	light turbidity then clear at end
+5		1.6	5.96	4.24	19.14	1.27	-137	640	2.70	clear
+5		2.2	5.95	4.34	19.13	1.19	-138	304	2.77	clear
+5		2.8	5.95	4.43	19.13	1.16	-138	163	2.84	clear
+5		3.4	5.97	4.49	19.08	1.14	-138	46	2.87	clear
+5		4	5.96	4.49	19.07	1.14	-138	18.2	2.89	clear

Note 400 ml = 0.11 gallons

1181 Flushing Avenue
GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MWT

Date: 11-16-16

Well Depth (from TOC):

Equipment: Horiba Peristaltic Pump

Static Water Level (from TOC):

20
12.56
7.50

Height of Water in Well:

Gallons of Water per Well Volume: 435 0.75

Flow Rate: 400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
12:35	400 ml/min	0	6.66	1.24	20.91	2.47	-152	979	0.799	light turbidity
12:38	↓	0.4	6.44	1.27	19.66	1.65	-158	862	0.815	clear
12:43	↓	1	6.35	1.28	19.28	1.36	-162	260	0.826	clear
12:48	↓	1.6	6.34	1.28	19.18	1.23	-163	103	0.822	clear
12:53	↓	2.2	6.33	1.29	19.03	1.19	-164	22.8	0.824	clear
12:58	↓	2.8	6.33	1.29	19.00	1.17	-163	19.0	0.825	clear

Note 400 ml = 0.11 gallons

1181 Flushing Avenue

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: NW8

Date: 11-11-16

Well Depth (from TOC): 20

Equipment: Horiba, Peristaltic Pump

Static Water Level (from TOC): 12.64

Height of Water in Well: 7.36

Gallons of Water per Well Volume: $\times 3$: 0.74

Flow Rate: 400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
0	400ml/s	0	6.45	1.73	19.97	1.82	-98	68	2.11	Turbid
+3		0.4	6.33	1.73	20.08	1.69	-99	53	1.11	clear
+5		1	6.19	1.76	20.13	1.51	-101	40	1.12	clear
+5		1.6	6.14	1.77	20.16	1.48	-110	31	1.13	clear
+5		2.2	6.12	1.77	20.16	1.46	-115	20	1.13	clear
+5		2.8	6.11	1.78	20.17	1.45	-118	18.5	1.14	clear

Note 400 ml = 0.11 gallons

1181 Flushing Avenue

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW9

Date: 11-16-16

Well Depth (from TOC): 20

Equipment: Horiba Peristaltic Pump

Static Water Level (from TOC): 13.19

Height of Water in Well: 6.81

Gallons of Water per Well Volume: $\times 3 =$ 0.68

Flow Rate: 400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
0	400ml/min	0	6.36	1.12	18	2.59	-67	1000+	0.756	Turbid
+3		0.4	6.24	1.38	18.33	1.54	-95	715	0.906	Turbid
+5		1	6.28	1.50	18.35	1.43	-108	147	0.969	clear
+5		1.6	6.29	1.52	18.37	1.39	-112	123	0.978	clear
+5		2.2	6.32	1.56	18.35	1.33	-118	68	0.997	clear
+5		2.8	6.33	1.55	18.38	1.29	-121	45	0.994	clear
+5		3.4	6.34	1.56	18.39	1.26	-122	21.3	0.999	clear
+5		4	6.34	1.56	18.41	1.21	-123	18.6	1.0	clear
+5		4.6	6.35	1.57	18.41	1.16	-126	18.2	1.0	clear

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

1181 Flushing Avenue

GROUNDWATER PURGE / SAMPLE LOGS

Well I.D.: MM10

Date:

11-16-16

Well Depth (from TOC):

Equipment:

Horiba, Peristaltic Pump

Static Water Level (from TOC):

20
12.69

Height of Water in Well:

7.31

Gallons of Water per Well Volume:

*3 = 0.73

Flow Rate:

400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (ms/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
0	400ml/min	0	6.68	2.18	13.78	3.96	-50	79	1.55	Turbid
+3	1	0.4	6.61	2.08	13.82	3.91	-61	63	1.46	Turbid
+5	1	1	6.52	1.97	13.85	3.88	-72	44	1.30	Turbid
+5	1	1.6	6.45	1.89	13.87	3.75	-79	29	1.21	Clear
+5	1	2.2	6.41	1.85	13.89	3.66	-84	16.3	1.18	Clear
+5	1	2.8	6.38	1.80	13.90	3.50	-92	5.1	1.15	Clear
+5	1	3.4	6.27	1.78	14.22	2.64	-106	5.2	1.12	Clear
+5	1	4	6.21	1.75	14.66	2.43	-111	5.4	1.12	Clear

Note 400 ml = 0.11 gallons

1181 Flushing Avenue

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW14

Well Depth (from TOC):

Static Water Level (from TOC):

Height of Water in Well:

Gallons of Water per Well Volume: $\times 3 =$

Flow Rate: 400ml/min.

Date:

Equipment:

11-17-16
Hoerb, Peristaltic Pump

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
0	400 ml/min	0	6.46	2.05	20.03	2.30	-70	221	1.32	light turbidity
+3		0.4	6.37	2.39	19.72	1.44	-138	176	1.56	light turbidity
+5		1	6.38	2.50	19.62	1.27	-162	68.6	1.61	clear
+5		1.6	6.40	2.55	19.60	1.22	-174	33.6	1.63	clear
+5		2.2	6.41	2.58	19.60	1.18	-178	18.2	1.65	clear

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW15

Date: 11-17-16

Well Depth (from TOC):

Static Water Level (from TOC):

Height of Water in Well:

Gallons of Water per Well Volume: $X 3 = 0.8$

Flow Rate:

400ml/min.

Equipment: Horik, Peristaltic Pump

1181 Flushing Avenue

GROUNDWATER PURGE / SAMPLE LOGS

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
0	400ml/min	0	6.06	1.57	16.88	3.76	-6	318	1.03	clear
+3		0.4	6.10	1.82	17.61	2.08	-47	114	1.17	clear
+5		1	6.15	1.88	17.69	1.66	-57	24.7	1.20	clear
+5		1.6	6.16	1.90	17.77	1.43	-61	5.6	1.21	clear
+5		2.2	6.16	1.91	17.85	1.29	-64	4.1	1.22	clear
+5		2.8	6.16	1.92	17.88	1.21	-65	1.3	1.23	clear

Note 400 ml = 0.11 gallons

APPENDIX - E
Soil Vapor Sampling Logs



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. # _____ Page 1 of 2
 Data Delivery: Fax #: _____
 Email: **File**
 Phone #: _____

Report to: **Thomas Gallo**
 Customer: **EBC**
 Address: _____
 Invoice to: **EBC**
 Project Name: **1181 Flushing Avenue Brooklyn**
 Requested Deliverables: RCP ASP CAT B
 MCP NJ Deliverables
 State where samples collected: **NY**

Phoenix ID #	Client Sample ID	Canister ID #	THIS SECTION FOR LAB USE ONLY				Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
			Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #										
86876	SG6	21329	6.0	-30	-1	5038	43	9:27	11:27	11-16-16	-30	-4	+		+	
86877	SG4	156			-6	363		9:24	11:24	11-16-16	-30	-6	+		+	
86878	SG3	496			-2	4990		9:21	11:20	11-16-16	-28	-3	+		+	
86879	SG9	21357			-4	4991		9:35	11:35	11-16-16	-29	-4	+		+	
	Did Not Use	224				3252										
	Did Not Use	19224				5707										
86880	SG7	357			-5	5623		9:30	11:31	11-16-16	-30	-6	+		+	
86881	SG8	13650			-4	3502		9:33	11:29	11-16-16	-29	-3	+		+	
86882	SG5	13664			-3	3256	↓	9:08	11:08	11-16-16	-30	-5	+		+	
	9x6L 2H.3															

Relinquished by: **Thomas Gallo** Date: **11-18-16** Time: **9:180**
 Accepted by: **[Signature]** Date: **11-18-16** Time: **10:35**
 Data Format: Excel PDF Other: _____
 Equis GISKey

SPECIAL INSTRUCTIONS OR REQUIREMENTS, REGULATORY INFORMATION: _____
 Requested Criteria: _____
 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: _____
 Quote Number: _____

CHAIN OF CUSTODY RECORD
AIR ANALYSES

P.O. # 2 of 2
Data Delivery: Fax #: File
 Email: File
 Phone #:

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

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

Report to:	ERC	Invoice to:	ERC	Project Name:	1181 Flushing Avenue Brooklyn			Soil Gas													
Customer:	ERC	Requested Deliverables:	RCP <input type="checkbox"/> MCP <input type="checkbox"/> NJ Deliverables <input type="checkbox"/>	Requested Deliverables:	ASP CAT B <input checked="" type="checkbox"/>																
Address:		Sampled by:	Thomas Gaither	State where samples collected:	NY			Ambient/Indoor Air													
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)	MATRIX								
86883	SG2	1960	6.0	-30	-5	3249	43	9:13	11:16	11-16-16	-30	-6	X								
86884	SG1	493	6.0	-20	-5	4481	43	9:17	11:18	11-16-16	-29	-5	X								
Relinquished by:		Accepted by:		Date:				Time:					Data Format:								
													Excel <input checked="" type="checkbox"/>	Equis <input checked="" type="checkbox"/>	GISKey <input type="checkbox"/>						
													PDF <input checked="" type="checkbox"/>	Other: <input type="checkbox"/>							
SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:												Requested Criteria									
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: _____									

APPENDIX - F
Laboratory Reports (On Disk)



Tuesday, November 22, 2016

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

Project ID: 1181 FLUSHING AVE BROOKLYN NY
Sample ID#s: BV83365 - BV83383

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 have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
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
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



SDG Comments

November 22, 2016

SDG I.D.: GBV83365

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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83365

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B19 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	7860	36	7.2	mg/Kg	10	11/16/16	LK	SW6010C
Arsenic	6.59	0.72	0.72	mg/Kg	1	11/16/16	LK	SW6010C
Barium	129	0.7	0.36	mg/Kg	1	11/16/16	LK	SW6010C
Beryllium	0.42	0.29	0.14	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	7640	3.6	3.3	mg/Kg	1	11/16/16	LK	SW6010C
Cadmium	0.68	0.36	0.36	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	7.67	0.36	0.36	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	19.3	0.36	0.36	mg/Kg	1	11/16/16	LK	SW6010C
Copper	80.5	0.36	0.36	mg/kg	1	11/16/16	LK	SW6010C
Iron	20300	36	36	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	1.57	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	1120	7	2.8	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	2070	3.6	3.6	mg/Kg	1	11/16/16	TH	SW6010C
Manganese	345	3.6	3.6	mg/Kg	10	11/16/16	TH	SW6010C
Sodium	227	7	3.1	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	15.7	0.36	0.36	mg/Kg	1	11/16/16	LK	SW6010C
Lead	237	7.2	3.6	mg/Kg	10	11/16/16	LK	SW6010C
Antimony	ND	1.8	1.8	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.4	1.2	mg/Kg	1	11/16/16	LK	SW6010C
Thallium	ND	1.4	1.4	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	24.8	3.6	3.6	mg/Kg	10	11/16/16	TH	SW6010C
Zinc	165	7.2	3.6	mg/Kg	10	11/16/16	LK	SW6010C
Percent Solid	91			%		11/15/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for Pest	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1221	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1232	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1242	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1248	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1254	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1260	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1262	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1268	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A

QA/QC Surrogates

% DCBP	63			%	2	11/17/16	AW	30 - 150 %
% TCMX	62			%	2	11/17/16	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	7.7	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	36	36	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/16/16	CE	SW8081B

QA/QC Surrogates

% DCBP	65			%	2	11/16/16	CE	40 - 140 %
% TCMX	52			%	2	11/16/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	0.58	J 5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
2-Hexanone	ND	29	5.8	ug/Kg	1	11/16/16	JLI	SW8260C
2-Isopropyltoluene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	29	5.8	ug/Kg	1	11/16/16	JLI	SW8260C
Acetone	ND	29	5.8	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	12	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
Benzene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Bromobenzene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Bromochloromethane	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
Bromoform	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
Bromomethane	ND	5.8	2.3	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
Chlorobenzene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroethane	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroform	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Chloromethane	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromomethane	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Ethylbenzene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Isopropylbenzene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
m&p-Xylene	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	35	5.8	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
Methylene chloride	ND	5.8	5.8	ug/Kg	1	11/16/16	JLI	SW8260C
Naphthalene	210	J 330	66	ug/Kg	50	11/16/16	JLI	SW8260C
n-Butylbenzene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
o-Xylene	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
p-Isopropyltoluene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
sec-Butylbenzene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Styrene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
tert-Butylbenzene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	2.9	ug/Kg	1	11/16/16	JLI	SW8260C
Toluene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	12	2.9	ug/Kg	1	11/16/16	JLI	SW8260C
Trichloroethene	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	5.8	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Vinyl chloride	ND	5.8	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	87	46	ug/kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	23	1.2	ug/Kg	1	11/16/16	JLI	SW8260C
Acrolein	ND	23	2.9	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	23	0.58	ug/Kg	1	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	120	23	ug/Kg	1	11/16/16	JLI	SW8260C
Client MS/MSD	Completed					11/16/16		
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/15/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/15/16	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/15/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/15/16	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/15/16	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/15/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/15/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	11/15/16	DD	SW8270D
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	11/15/16	DD	SW8270D
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	11/15/16	DD	SW8270D
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/15/16	DD	SW8270D
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/15/16	DD	SW8270D
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/15/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/15/16	DD	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	11/15/16	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/15/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/15/16	DD	SW8270D
2-Nitroaniline	ND	250	250	ug/Kg	1	11/15/16	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	1	11/15/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/15/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	11/15/16	DD	SW8270D
3-Nitroaniline	ND	360	720	ug/Kg	1	11/15/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	220	72	ug/Kg	1	11/15/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	11/15/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/15/16	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	11/15/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/15/16	DD	SW8270D
4-Nitroaniline	ND	360	120	ug/Kg	1	11/15/16	DD	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	11/15/16	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/15/16	DD	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	11/15/16	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/15/16	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	11/15/16	DD	SW8270D
Anthracene	230	J 250	120	ug/Kg	1	11/15/16	DD	SW8270D
Benz(a)anthracene	910	250	120	ug/Kg	1	11/15/16	DD	SW8270D
Benzidine	ND	360	210	ug/Kg	1	11/15/16	DD	SW8270D
Benzo(a)pyrene	850	180	120	ug/Kg	1	11/15/16	DD	SW8270D
Benzo(b)fluoranthene	680	250	120	ug/Kg	1	11/15/16	DD	SW8270D
Benzo(ghi)perylene	590	250	120	ug/Kg	1	11/15/16	DD	SW8270D
Benzo(k)fluoranthene	670	250	120	ug/Kg	1	11/15/16	DD	SW8270D
Benzoic acid	ND	1800	720	ug/Kg	1	11/15/16	DD	SW8270D
Benzyl butyl phthalate	ND	250	93	ug/Kg	1	11/15/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	1	11/15/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	180	97	ug/Kg	1	11/15/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	1	11/15/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/15/16	DD	SW8270D
Carbazole	ND	180	140	ug/Kg	1	11/15/16	DD	SW8270D
Chrysene	970	250	120	ug/Kg	1	11/15/16	DD	SW8270D
Dibenz(a,h)anthracene	140	J 180	120	ug/Kg	1	11/15/16	DD	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	11/15/16	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/15/16	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/15/16	DD	SW8270D
Di-n-butylphthalate	ND	250	96	ug/Kg	1	11/15/16	DD	SW8270D
Di-n-octylphthalate	ND	250	93	ug/Kg	1	11/15/16	DD	SW8270D
Fluoranthene	1500	250	120	ug/Kg	1	11/15/16	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/15/16	DD	SW8270D
Hexachlorobenzene	ND	180	100	ug/Kg	1	11/15/16	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/15/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/15/16	DD	SW8270D
Hexachloroethane	ND	180	110	ug/Kg	1	11/15/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	600	250	120	ug/Kg	1	11/15/16	DD	SW8270D
Isophorone	ND	180	100	ug/Kg	1	11/15/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Naphthalene	ND	250	100	ug/Kg	1	11/15/16	DD	SW8270D
Nitrobenzene	ND	180	130	ug/Kg	1	11/15/16	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/15/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	11/15/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/15/16	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/15/16	DD	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	11/15/16	DD	SW8270D
Phenanthrene	1100	250	100	ug/Kg	1	11/15/16	DD	SW8270D
Phenol	ND	250	110	ug/Kg	1	11/15/16	DD	SW8270D
Pyrene	1500	250	120	ug/Kg	1	11/15/16	DD	SW8270D
Pyridine	ND	250	88	ug/Kg	1	11/15/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	86			%	1	11/15/16	DD	30 - 130 %
% 2-Fluorobiphenyl	72			%	1	11/15/16	DD	30 - 130 %
% 2-Fluorophenol	46			%	1	11/15/16	DD	30 - 130 %
% Nitrobenzene-d5	69			%	1	11/15/16	DD	30 - 130 %
% Phenol-d5	67			%	1	11/15/16	DD	30 - 130 %
% Terphenyl-d14	61			%	1	11/15/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

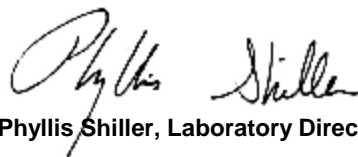
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83366

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B19 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.41	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	4690	41	8.3	mg/Kg	10	11/16/16	TH	SW6010C
Arsenic	1.19	0.83	0.83	mg/Kg	1	11/16/16	TH	SW6010C
Barium	22.6	0.8	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Beryllium	0.27	B 0.33	0.17	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	909	4.1	3.8	mg/Kg	1	11/16/16	TH	SW6010C
Cadmium	ND	0.41	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	4.82	0.41	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	14.1	0.41	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Copper	7.07	0.41	0.41	mg/kg	1	11/16/16	TH	SW6010C
Iron	10600	41	41	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	792	8	3.2	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	1740	4.1	4.1	mg/Kg	1	11/16/16	TH	SW6010C
Manganese	170	4.1	4.1	mg/Kg	10	11/16/16	TH	SW6010C
Sodium	148	8	3.5	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	8.75	0.41	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Lead	1.4	0.8	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Antimony	ND	2.1	2.1	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.7	1.4	mg/Kg	1	11/16/16	TH	SW6010C
Thallium	ND	1.7	1.7	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	16.2	0.41	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Zinc	18.7	0.8	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Percent Solid	83			%		11/15/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	0.99	J 4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
2-Hexanone	ND	25	4.9	ug/Kg	1	11/16/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	25	4.9	ug/Kg	1	11/16/16	JLI	SW8260C
Acetone	ND	25	4.9	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	9.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
Benzene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Bromobenzene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Bromochloromethane	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
Bromoform	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
Bromomethane	ND	4.9	2.0	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
Chlorobenzene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroethane	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroform	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Chloromethane	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromomethane	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Ethylbenzene	0.95	J 4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Isopropylbenzene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	2.3	J 4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	4.9	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
Methylene chloride	ND	4.9	4.9	ug/Kg	1	11/16/16	JLI	SW8260C
Naphthalene	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
n-Butylbenzene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
n-Propylbenzene	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
o-Xylene	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
sec-Butylbenzene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Styrene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
tert-Butylbenzene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.9	2.5	ug/Kg	1	11/16/16	JLI	SW8260C
Toluene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.9	2.5	ug/Kg	1	11/16/16	JLI	SW8260C
Trichloroethene	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.9	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Vinyl chloride	ND	4.9	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	94			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	74	40	ug/kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	20	0.99	ug/Kg	1	11/16/16	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	20	0.49	ug/Kg	1	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	99	20	ug/Kg	1	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/15/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/15/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/15/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/15/16	DD	SW8270D
2,4-Dimethylphenol	ND	280	99	ug/Kg	1	11/15/16	DD	SW8270D
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/15/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/15/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	130	ug/Kg	1	11/15/16	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/15/16	DD	SW8270D
2-Nitroaniline	ND	280	280	ug/Kg	1	11/15/16	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/15/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/15/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/15/16	DD	SW8270D
3-Nitroaniline	ND	400	800	ug/Kg	1	11/15/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	80	ug/Kg	1	11/15/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/15/16	DD	SW8270D
4-Chloroaniline	ND	320	190	ug/Kg	1	11/15/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
4-Nitroaniline	ND	400	130	ug/Kg	1	11/15/16	DD	SW8270D
4-Nitrophenol	ND	400	180	ug/Kg	1	11/15/16	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/15/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Benzidine	ND	400	230	ug/Kg	1	11/15/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/15/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	11/15/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Benzoic acid	ND	2000	800	ug/Kg	1	11/15/16	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/15/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/15/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/15/16	DD	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/15/16	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/15/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Hexachlorobenzene	ND	200	120	ug/Kg	1	11/15/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/15/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/15/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/15/16	DD	SW8270D
Naphthalene	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
Nitrobenzene	ND	200	140	ug/Kg	1	11/15/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/15/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/15/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/15/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/15/16	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/15/16	DD	SW8270D
Pyridine	ND	280	98	ug/Kg	1	11/15/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	76			%	1	11/15/16	DD	30 - 130 %
% 2-Fluorobiphenyl	61			%	1	11/15/16	DD	30 - 130 %
% 2-Fluorophenol	46			%	1	11/15/16	DD	30 - 130 %
% Nitrobenzene-d5	63			%	1	11/15/16	DD	30 - 130 %
% Phenol-d5	63			%	1	11/15/16	DD	30 - 130 %
% Terphenyl-d14	73			%	1	11/15/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

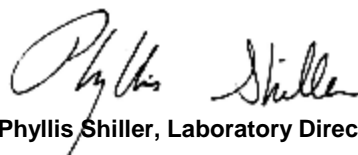
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83367

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B19 (18-20)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.41	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	6590	41	8.2	mg/Kg	10	11/16/16	TH	SW6010C
Arsenic	1.38	0.82	0.82	mg/Kg	1	11/16/16	TH	SW6010C
Barium	37.0	0.8	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Beryllium	0.26	B 0.33	0.16	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	1220	4.1	3.8	mg/Kg	1	11/16/16	TH	SW6010C
Cadmium	ND	0.41	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	7.43	0.41	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	16.1	0.41	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Copper	12.4	0.41	0.41	mg/kg	1	11/16/16	TH	SW6010C
Iron	15000	41	41	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	1530	8	3.2	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	2830	4.1	4.1	mg/Kg	1	11/16/16	LK	SW6010C
Manganese	327	4.1	4.1	mg/Kg	10	11/16/16	TH	SW6010C
Sodium	157	8	3.5	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	13.5	0.41	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Lead	8.2	0.8	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Antimony	ND	2.1	2.1	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.6	1.4	mg/Kg	1	11/16/16	TH	SW6010C
Thallium	ND	1.6	1.6	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	24.1	0.41	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Zinc	30.0	0.8	0.41	mg/Kg	1	11/16/16	TH	SW6010C
Percent Solid	81			%		11/15/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	780	780	ug/Kg	1000	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	1600	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
1,1-Dichloroethene	ND	780	780	ug/Kg	1000	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	910000	16000	16000	ug/Kg	20000	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	1100	780	ug/Kg	1000	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	780	780	ug/Kg	1000	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	320000	16000	16000	ug/Kg	20000	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	2400	780	ug/Kg	1000	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	1800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
2-Hexanone	ND	39000	7800	ug/Kg	1000	11/16/16	JLI	SW8260C
2-Isopropyltoluene	1400	J 7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	39000	7800	ug/Kg	1000	11/16/16	JLI	SW8260C
Acetone	ND	7800	7800	ug/Kg	1000	11/16/16	JLI	SW8260C
Acrylonitrile	ND	16000	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
Benzene	ND	780	780	ug/Kg	1000	11/16/16	JLI	SW8260C
Bromobenzene	ND	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
Bromochloromethane	ND	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
Bromoform	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
Bromomethane	ND	7800	3100	ug/Kg	1000	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	1600	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
Chlorobenzene	ND	1100	780	ug/Kg	1000	11/16/16	JLI	SW8260C
Chloroethane	ND	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
Chloroform	ND	780	780	ug/Kg	1000	11/16/16	JLI	SW8260C
Chloromethane	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	780	780	ug/Kg	1000	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
Dibromomethane	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
Ethylbenzene	190000	1000	780	ug/Kg	1000	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
Isopropylbenzene	42000	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	720000	160000	31000	ug/Kg	20000	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	7800	7800	ug/Kg	1000	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	1600	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
Methylene chloride	ND	7800	7800	ug/Kg	1000	11/16/16	JLI	SW8260C
Naphthalene	89000	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
n-Butylbenzene	70000	16000	16000	ug/Kg	20000	11/16/16	JLI	SW8260C
n-Propylbenzene	140000	3900	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
o-Xylene	260000	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
p-Isopropyltoluene	13000	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
sec-Butylbenzene	23000	16000	16000	ug/Kg	20000	11/16/16	JLI	SW8260C
Styrene	ND	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
tert-Butylbenzene	990	J 5900	780	ug/Kg	1000	11/16/16	JLI	SW8260C
Tetrachloroethene	22000	1600	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	16000	3900	ug/Kg	1000	11/16/16	JLI	SW8260C
Toluene	20000	16000	16000	ug/Kg	20000	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	780	780	ug/Kg	1000	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	16000	3900	ug/Kg	1000	11/16/16	JLI	SW8260C
Trichloroethene	ND	780	780	ug/Kg	1000	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	7800	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	7800	780	ug/Kg	1000	11/16/16	JLI	SW8260C
Vinyl chloride	ND	780	780	ug/Kg	1000	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1000	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	108			%	1000	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1000	11/16/16	JLI	70 - 130 %
% Toluene-d8	101			%	1000	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	63000	63000	ug/kg	1000	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1000	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	108			%	1000	11/16/16	JLI	70 - 130 %
% Toluene-d8	101			%	1000	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	31000	1600	ug/Kg	1000	11/16/16	JLI	SW8260C
Acrolein	ND	31000	3900	ug/Kg	1000	11/16/16	JLI	SW8260C
Acrylonitrile	ND	31000	780	ug/Kg	1000	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	160000	31000	ug/Kg	1000	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	2900	1400	ug/Kg	10	11/16/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	2900	1200	ug/Kg	10	11/16/16	DD	SW8270D
1,2-Dichlorobenzene	ND	2900	1200	ug/Kg	10	11/16/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	2900	1300	ug/Kg	10	11/16/16	DD	SW8270D
1,3-Dichlorobenzene	ND	2900	1200	ug/Kg	10	11/16/16	DD	SW8270D
1,4-Dichlorobenzene	ND	2900	1200	ug/Kg	10	11/16/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	2900	2200	ug/Kg	10	11/16/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	2000	1300	ug/Kg	10	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	2000	1400	ug/Kg	10	11/16/16	DD	SW8270D
2,4-Dimethylphenol	ND	2900	1000	ug/Kg	10	11/16/16	DD	SW8270D
2,4-Dinitrophenol	ND	2900	2900	ug/Kg	10	11/16/16	DD	SW8270D
2,4-Dinitrotoluene	ND	2000	1600	ug/Kg	10	11/16/16	DD	SW8270D
2,6-Dinitrotoluene	ND	2000	1300	ug/Kg	10	11/16/16	DD	SW8270D
2-Chloronaphthalene	ND	2900	1200	ug/Kg	10	11/16/16	DD	SW8270D
2-Chlorophenol	ND	2900	1200	ug/Kg	10	11/16/16	DD	SW8270D
2-Methylnaphthalene	11000	2900	1200	ug/Kg	10	11/16/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1900	1900	ug/Kg	10	11/16/16	DD	SW8270D
2-Nitroaniline	ND	2900	2900	ug/Kg	10	11/16/16	DD	SW8270D
2-Nitrophenol	ND	2900	2600	ug/Kg	10	11/16/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	2900	1600	ug/Kg	10	11/16/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	2000	1900	ug/Kg	10	11/16/16	DD	SW8270D
3-Nitroaniline	ND	4100	8200	ug/Kg	10	11/16/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2500	820	ug/Kg	10	11/16/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	2900	1200	ug/Kg	10	11/16/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	2900	1400	ug/Kg	10	11/16/16	DD	SW8270D
4-Chloroaniline	ND	3300	1900	ug/Kg	10	11/16/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	2900	1400	ug/Kg	10	11/16/16	DD	SW8270D
4-Nitroaniline	ND	4100	1400	ug/Kg	10	11/16/16	DD	SW8270D
4-Nitrophenol	ND	4100	1800	ug/Kg	10	11/16/16	DD	SW8270D
Acenaphthene	ND	2900	1200	ug/Kg	10	11/16/16	DD	SW8270D
Acenaphthylene	ND	2900	1100	ug/Kg	10	11/16/16	DD	SW8270D
Acetophenone	ND	2900	1300	ug/Kg	10	11/16/16	DD	SW8270D
Aniline	ND	3300	3300	ug/Kg	10	11/16/16	DD	SW8270D
Anthracene	ND	2900	1300	ug/Kg	10	11/16/16	DD	SW8270D
Benz(a)anthracene	ND	1400	1400	ug/Kg	10	11/16/16	DD	SW8270D
Benzidine	ND	4100	2400	ug/Kg	10	11/16/16	DD	SW8270D
Benzo(a)pyrene	ND	1300	1300	ug/Kg	10	11/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	1400	1400	ug/Kg	10	11/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	2900	1300	ug/Kg	10	11/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	1400	1400	ug/Kg	10	11/16/16	DD	SW8270D
Benzoic acid	ND	20000	8200	ug/Kg	10	11/16/16	DD	SW8270D
Benzyl butyl phthalate	ND	2900	1100	ug/Kg	10	11/16/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	2900	1100	ug/Kg	10	11/16/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	2000	1100	ug/Kg	10	11/16/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	2900	1100	ug/Kg	10	11/16/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	2900	1200	ug/Kg	10	11/16/16	DD	SW8270D
Carbazole	ND	2000	1600	ug/Kg	10	11/16/16	DD	SW8270D
Chrysene	ND	1400	1400	ug/Kg	10	11/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	1300	1300	ug/Kg	10	11/16/16	DD	SW8270D
Dibenzofuran	ND	2900	1200	ug/Kg	10	11/16/16	DD	SW8270D
Diethyl phthalate	ND	2900	1300	ug/Kg	10	11/16/16	DD	SW8270D
Dimethylphthalate	ND	2900	1300	ug/Kg	10	11/16/16	DD	SW8270D
Di-n-butylphthalate	ND	2900	1100	ug/Kg	10	11/16/16	DD	SW8270D
Di-n-octylphthalate	ND	2900	1100	ug/Kg	10	11/16/16	DD	SW8270D
Fluoranthene	ND	2900	1300	ug/Kg	10	11/16/16	DD	SW8270D
Fluorene	ND	2900	1300	ug/Kg	10	11/16/16	DD	SW8270D
Hexachlorobenzene	ND	2000	1200	ug/Kg	10	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	2900	1500	ug/Kg	10	11/16/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	2900	1300	ug/Kg	10	11/16/16	DD	SW8270D
Hexachloroethane	ND	2000	1200	ug/Kg	10	11/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	1400	1400	ug/Kg	10	11/16/16	DD	SW8270D
Isophorone	ND	2000	1100	ug/Kg	10	11/16/16	DD	SW8270D
Naphthalene	17000	2900	1200	ug/Kg	10	11/16/16	DD	SW8270D
Nitrobenzene	ND	2000	1400	ug/Kg	10	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	2900	1200	ug/Kg	10	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	2000	1300	ug/Kg	10	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	2900	1600	ug/Kg	10	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	2900	1500	ug/Kg	10	11/16/16	DD	SW8270D
Pentachlorophenol	ND	1500	1500	ug/Kg	10	11/16/16	DD	SW8270D
Phenanthrene	ND	2900	1200	ug/Kg	10	11/16/16	DD	SW8270D
Phenol	ND	1300	1300	ug/Kg	10	11/16/16	DD	SW8270D
Pyrene	ND	2900	1400	ug/Kg	10	11/16/16	DD	SW8270D
Pyridine	ND	2900	1000	ug/Kg	10	11/16/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	Diluted Out			%	10	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	Diluted Out			%	10	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	Diluted Out			%	10	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	Diluted Out			%	10	11/16/16	DD	30 - 130 %
% Phenol-d5	Diluted Out			%	10	11/16/16	DD	30 - 130 %
% Terphenyl-d14	Diluted Out			%	10	11/16/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceded 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:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Semi-Volatile Comment:

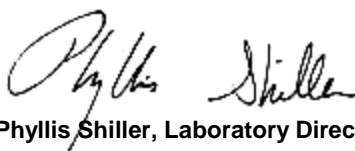
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

Volatile Comment:

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

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83368

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B19 (20-25)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	4810	40	7.9	mg/Kg	10	11/16/16	TH	SW6010C
Arsenic	1.28	0.79	0.79	mg/Kg	1	11/16/16	TH	SW6010C
Barium	24.3	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Beryllium	0.21	B 0.32	0.16	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	1190	4.0	3.6	mg/Kg	1	11/16/16	TH	SW6010C
Cadmium	ND	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	5.56	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	13.6	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Copper	9.46	0.40	0.40	mg/kg	1	11/16/16	TH	SW6010C
Iron	12500	40	40	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	992	8	3.1	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	2030	4.0	4.0	mg/Kg	1	11/16/16	TH	SW6010C
Manganese	203	4.0	4.0	mg/Kg	10	11/16/16	TH	SW6010C
Sodium	150	8	3.4	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	10.2	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Lead	2.3	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Antimony	ND	2.0	2.0	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.6	1.3	mg/Kg	1	11/16/16	TH	SW6010C
Thallium	ND	1.6	1.6	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	19.8	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Zinc	21.5	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Percent Solid	79			%		11/15/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	1400	460	46	ug/Kg	50	11/18/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	490	460	46	ug/Kg	50	11/18/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
2-Hexanone	ND	40	7.9	ug/Kg	1	11/16/16	JLI	SW8260C
2-Isopropyltoluene	1.4	J 7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	40	7.9	ug/Kg	1	11/16/16	JLI	SW8260C
Acetone	ND	40	7.9	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	16	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
Benzene	3.0	J 7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
Bromobenzene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
Bromochloromethane	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
Bromoform	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
Bromomethane	ND	7.9	3.2	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
Chlorobenzene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroethane	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroform	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
Chloromethane	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromomethane	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
Ethylbenzene	410	400	46	ug/Kg	50	11/18/16	JLI	SW8260C
Hexachlorobutadiene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
Isopropylbenzene	15	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	2000	460	91	ug/Kg	50	11/18/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	47	7.9	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	16	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
Methylene chloride	ND	7.9	7.9	ug/Kg	1	11/16/16	JLI	SW8260C
Naphthalene	250	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
n-Butylbenzene	19	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
n-Propylbenzene	48	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
o-Xylene	640	460	91	ug/Kg	50	11/18/16	JLI	SW8260C
p-Isopropyltoluene	5.4	J 7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
sec-Butylbenzene	9.6	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
Styrene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
tert-Butylbenzene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrachloroethene	3.0	J 7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	16	4.0	ug/Kg	1	11/16/16	JLI	SW8260C
Toluene	26	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	16	4.0	ug/Kg	1	11/16/16	JLI	SW8260C
Trichloroethene	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	7.9	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
Vinyl chloride	ND	7.9	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	105			%	1	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	97			%	1	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	63	ug/kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	105			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	97			%	1	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	32	1.6	ug/Kg	1	11/16/16	JLI	SW8260C
Acrolein	ND	32	4.0	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	32	0.79	ug/Kg	1	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	160	32	ug/Kg	1	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Dichlorobenzene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
1,3-Dichlorobenzene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
1,4-Dichlorobenzene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	11/16/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	210	140	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrotoluene	ND	210	160	ug/Kg	1	11/16/16	DD	SW8270D
2,6-Dinitrotoluene	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
2-Chloronaphthalene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Chlorophenol	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylnaphthalene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	290	190	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitroaniline	ND	290	290	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitrophenol	ND	290	260	ug/Kg	1	11/16/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	1	11/16/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	210	190	ug/Kg	1	11/16/16	DD	SW8270D
3-Nitroaniline	ND	410	820	ug/Kg	1	11/16/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	250	82	ug/Kg	1	11/16/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloroaniline	ND	330	190	ug/Kg	1	11/16/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitroaniline	ND	410	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitrophenol	ND	410	190	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthylene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Acetophenone	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Aniline	ND	330	330	ug/Kg	1	11/16/16	DD	SW8270D
Anthracene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Benz(a)anthracene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzidine	ND	410	240	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(a)pyrene	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzoic acid	ND	2100	820	ug/Kg	1	11/16/16	DD	SW8270D
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	210	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Carbazole	ND	210	160	ug/Kg	1	11/16/16	DD	SW8270D
Chrysene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
Dibenzofuran	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Diethyl phthalate	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Dimethylphthalate	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-butylphthalate	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-octylphthalate	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Fluoranthene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Fluorene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobenzene	ND	210	120	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	290	150	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Hexachloroethane	ND	210	120	ug/Kg	1	11/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Isophorone	ND	210	120	ug/Kg	1	11/16/16	DD	SW8270D
Naphthalene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Nitrobenzene	ND	210	140	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	290	150	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	250	160	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	290	100	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	86			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	67			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	55			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	70			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	69			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	80			%	1	11/16/16	DD	30 - 130 %

1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

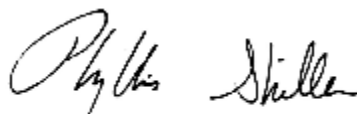
Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83369

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B4 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	5130	40	7.9	mg/Kg	10	11/16/16	TH	SW6010C
Arsenic	1.17	0.79	0.79	mg/Kg	1	11/16/16	TH	SW6010C
Barium	36.2	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Beryllium	0.22	B 0.32	0.16	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	1660	4.0	3.7	mg/Kg	1	11/16/16	TH	SW6010C
Cadmium	ND	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	6.37	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	13.9	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Copper	9.87	0.40	0.40	mg/kg	1	11/16/16	TH	SW6010C
Iron	13100	40	40	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	1280	8	3.1	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	2250	4.0	4.0	mg/Kg	1	11/16/16	TH	SW6010C
Manganese	356	4.0	4.0	mg/Kg	10	11/16/16	TH	SW6010C
Sodium	202	8	3.4	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	11.0	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Lead	1.5	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Antimony	ND	2.0	2.0	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.6	1.3	mg/Kg	1	11/16/16	TH	SW6010C
Thallium	ND	1.6	1.6	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	21.5	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Zinc	25.6	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Percent Solid	84			%		11/15/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for Pest	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	78	78	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1221	ND	78	78	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1232	ND	78	78	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1242	ND	78	78	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1248	ND	78	78	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1254	ND	78	78	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1260	ND	78	78	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1262	ND	78	78	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1268	ND	78	78	ug/Kg	2	11/17/16	AW	SW8082A

QA/QC Surrogates

% DCBP	80			%	2	11/17/16	AW	30 - 150 %
% TCMX	72			%	2	11/17/16	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	39	39	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	11/16/16	CE	SW8081B

QA/QC Surrogates

% DCBP	93			%	2	11/16/16	CE	40 - 140 %
% TCMX	53			%	2	11/16/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	1.6	J 4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	0.66	J 4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
2-Hexanone	ND	22	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	22	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
Acetone	ND	22	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	8.8	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Benzene	1.5	J 4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Bromobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Bromochloromethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Bromoform	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Bromomethane	ND	4.4	1.8	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Chlorobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroform	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Chloromethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromomethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Ethylbenzene	5.3	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Isopropylbenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
m&p-Xylene	11	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	26	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.8	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Methylene chloride	ND	4.4	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
Naphthalene	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
n-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
o-Xylene	2.0	J 4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
sec-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Styrene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
tert-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.8	2.2	ug/Kg	1	11/16/16	JLI	SW8260C
Toluene	3.3	J 4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.8	2.2	ug/Kg	1	11/16/16	JLI	SW8260C
Trichloroethene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Vinyl chloride	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	66	35	ug/kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	18	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Acrolein	ND	18	2.2	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	18	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	88	18	ug/Kg	1	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	11/16/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
1,3-Dichlorobenzene	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
1,4-Dichlorobenzene	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	11/16/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dimethylphenol	ND	270	97	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	150	ug/Kg	1	11/16/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylnaphthalene	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitroaniline	ND	270	270	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitrophenol	ND	270	250	ug/Kg	1	11/16/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	11/16/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	180	ug/Kg	1	11/16/16	DD	SW8270D
3-Nitroaniline	ND	390	780	ug/Kg	1	11/16/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	230	78	ug/Kg	1	11/16/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	11/16/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitroaniline	ND	390	130	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitrophenol	ND	390	180	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
Aniline	ND	310	310	ug/Kg	1	11/16/16	DD	SW8270D
Anthracene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Benz(a)anthracene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzidine	ND	390	230	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzoic acid	ND	2000	780	ug/Kg	1	11/16/16	DD	SW8270D
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/16/16	DD	SW8270D
Chrysene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-butylphthalate	ND	270	100	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-octylphthalate	ND	270	100	ug/Kg	1	11/16/16	DD	SW8270D
Fluoranthene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Fluorene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobenzene	ND	200	110	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/16/16	DD	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	200	140	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	270	150	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	230	150	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	270	96	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	88			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	76			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	56			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	79			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	75			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	83			%	1	11/16/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

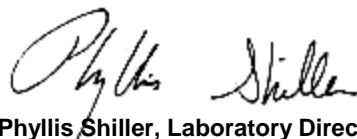
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83370

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B4 (15-17)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.42	0.42	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	7580	42	8.4	mg/Kg	10	11/16/16	LK	SW6010C
Arsenic	1.33	0.84	0.84	mg/Kg	1	11/16/16	TH	SW6010C
Barium	42.3	0.8	0.42	mg/Kg	1	11/16/16	TH	SW6010C
Beryllium	0.32	B 0.34	0.17	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	1300	4.2	3.9	mg/Kg	1	11/16/16	TH	SW6010C
Cadmium	ND	0.42	0.42	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	7.98	0.42	0.42	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	18.6	0.42	0.42	mg/Kg	1	11/16/16	LK	SW6010C
Copper	12.0	0.42	0.42	mg/kg	1	11/16/16	TH	SW6010C
Iron	16400	42	42	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	1700	8	3.3	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	3290	4.2	4.2	mg/Kg	1	11/16/16	LK	SW6010C
Manganese	441	4.2	4.2	mg/Kg	10	11/16/16	LK	SW6010C
Sodium	323	8	3.6	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	13.8	0.42	0.42	mg/Kg	1	11/16/16	TH	SW6010C
Lead	1.9	0.8	0.42	mg/Kg	1	11/16/16	TH	SW6010C
Antimony	ND	2.1	2.1	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.7	1.4	mg/Kg	1	11/16/16	LK	SW6010C
Thallium	ND	1.7	1.7	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	27.0	0.42	0.42	mg/Kg	1	11/16/16	LK	SW6010C
Zinc	35.0	0.8	0.42	mg/Kg	1	11/16/16	TH	SW6010C
Percent Solid	79			%		11/15/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	9.6	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	4.3	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
2-Hexanone	ND	17	3.4	ug/Kg	1	11/16/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	17	3.4	ug/Kg	1	11/16/16	JLI	SW8260C
Acetone	ND	17	3.4	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	6.7	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
Benzene	100	60	41	ug/Kg	50	11/16/16	JLI	SW8260C
Bromobenzene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
Bromochloromethane	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
Bromoform	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
Bromomethane	ND	3.4	1.3	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
Chlorobenzene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroethane	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroform	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
Chloromethane	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromomethane	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
Ethylbenzene	12	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
Isopropylbenzene	3.6	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	57	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	20	3.4	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	6.7	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
Methylene chloride	ND	3.4	3.4	ug/Kg	1	11/16/16	JLI	SW8260C
Naphthalene	30	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
n-Butylbenzene	1.4	J 3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
n-Propylbenzene	3.1	J 3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
o-Xylene	17	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
p-Isopropyltoluene	0.47	J 3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
sec-Butylbenzene	1.0	J 3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
Styrene	0.38	J 3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
tert-Butylbenzene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.7	1.7	ug/Kg	1	11/16/16	JLI	SW8260C
Toluene	21	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	0.57	J 3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	6.7	1.7	ug/Kg	1	11/16/16	JLI	SW8260C
Trichloroethene	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.4	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
Vinyl chloride	ND	3.4	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	104			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	102			%	1	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	102			%	1	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	50	27	ug/kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	104			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	102			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	102			%	1	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	13	0.67	ug/Kg	1	11/16/16	JLI	SW8260C
Acrolein	ND	13	1.7	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	13	0.34	ug/Kg	1	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	67	13	ug/Kg	1	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	1	11/16/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Dichlorobenzene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
1,3-Dichlorobenzene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
1,4-Dichlorobenzene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	11/16/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	210	150	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrotoluene	ND	210	170	ug/Kg	1	11/16/16	DD	SW8270D
2,6-Dinitrotoluene	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
2-Chloronaphthalene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Chlorophenol	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylnaphthalene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	290	200	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitroaniline	ND	290	290	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitrophenol	ND	290	270	ug/Kg	1	11/16/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	290	170	ug/Kg	1	11/16/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	210	200	ug/Kg	1	11/16/16	DD	SW8270D
3-Nitroaniline	ND	420	840	ug/Kg	1	11/16/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	250	84	ug/Kg	1	11/16/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloroaniline	ND	340	200	ug/Kg	1	11/16/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitroaniline	ND	420	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitrophenol	ND	420	190	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthylene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Acetophenone	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Aniline	ND	340	340	ug/Kg	1	11/16/16	DD	SW8270D
Anthracene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benz(a)anthracene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzidine	ND	420	250	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(a)pyrene	ND	210	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzoic acid	ND	2100	840	ug/Kg	1	11/16/16	DD	SW8270D
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	210	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Carbazole	ND	210	170	ug/Kg	1	11/16/16	DD	SW8270D
Chrysene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	210	140	ug/Kg	1	11/16/16	DD	SW8270D
Dibenzofuran	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Diethyl phthalate	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Dimethylphthalate	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-butylphthalate	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-octylphthalate	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Fluoranthene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Fluorene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobenzene	ND	210	120	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	290	150	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Hexachloroethane	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Isophorone	ND	210	120	ug/Kg	1	11/16/16	DD	SW8270D
Naphthalene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Nitrobenzene	ND	210	150	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	210	140	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	290	160	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	250	160	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	290	100	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	86			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	73			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	59			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	76			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	75			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	82			%	1	11/16/16	DD	30 - 130 %

1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

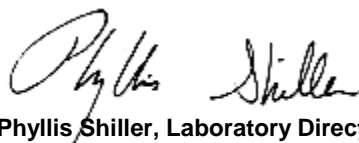
Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83371

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B4 (18-20)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.39	0.39	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	4020	39	7.7	mg/Kg	10	11/16/16	TH	SW6010C
Arsenic	1.33	0.77	0.77	mg/Kg	1	11/16/16	TH	SW6010C
Barium	24.1	0.8	0.39	mg/Kg	1	11/16/16	TH	SW6010C
Beryllium	0.19	B 0.31	0.15	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	819	3.9	3.6	mg/Kg	1	11/16/16	TH	SW6010C
Cadmium	ND	0.39	0.39	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	4.48	0.39	0.39	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	8.39	0.39	0.39	mg/Kg	1	11/16/16	TH	SW6010C
Copper	7.52	0.39	0.39	mg/kg	1	11/16/16	TH	SW6010C
Iron	9700	39	39	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	490	8	3.0	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	1450	3.9	3.9	mg/Kg	1	11/16/16	TH	SW6010C
Manganese	156	3.9	3.9	mg/Kg	10	11/16/16	TH	SW6010C
Sodium	123	8	3.3	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	8.09	0.39	0.39	mg/Kg	1	11/16/16	TH	SW6010C
Lead	1.5	0.8	0.39	mg/Kg	1	11/16/16	TH	SW6010C
Antimony	ND	1.9	1.9	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.5	1.3	mg/Kg	1	11/16/16	TH	SW6010C
Thallium	ND	1.5	1.5	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	14.7	0.39	0.39	mg/Kg	1	11/16/16	TH	SW6010C
Zinc	15.5	0.8	0.39	mg/Kg	1	11/16/16	TH	SW6010C
Percent Solid	83			%		11/15/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	2.9	J 4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	1.3	J 4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
2-Hexanone	ND	23	4.6	ug/Kg	1	11/16/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	23	4.6	ug/Kg	1	11/16/16	JLI	SW8260C
Acetone	ND	23	4.6	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	9.3	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
Benzene	0.62	J 4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Bromobenzene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Bromochloromethane	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
Bromoform	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
Bromomethane	ND	4.6	1.9	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
Chlorobenzene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroethane	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroform	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Chloromethane	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromomethane	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Ethylbenzene	1.3	J 4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Isopropylbenzene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	3.0	J 4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	28	4.6	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.3	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
Methylene chloride	ND	4.6	4.6	ug/Kg	1	11/16/16	JLI	SW8260C
Naphthalene	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
n-Butylbenzene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
n-Propylbenzene	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
o-Xylene	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
sec-Butylbenzene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Styrene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
tert-Butylbenzene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.3	2.3	ug/Kg	1	11/16/16	JLI	SW8260C
Toluene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.3	2.3	ug/Kg	1	11/16/16	JLI	SW8260C
Trichloroethene	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.6	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Vinyl chloride	ND	4.6	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	94			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	70	37	ug/kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	19	0.93	ug/Kg	1	11/16/16	JLI	SW8260C
Acrolein	ND	19	2.3	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	19	0.46	ug/Kg	1	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	93	19	ug/Kg	1	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/16/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/16/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitroaniline	ND	280	280	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/16/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/16/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/16/16	DD	SW8270D
3-Nitroaniline	ND	390	790	ug/Kg	1	11/16/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	79	ug/Kg	1	11/16/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloroaniline	ND	320	180	ug/Kg	1	11/16/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitroaniline	ND	390	130	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitrophenol	ND	390	180	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/16/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzidine	ND	390	230	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzoic acid	ND	2000	790	ug/Kg	1	11/16/16	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/16/16	DD	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Diethyl phthalate	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-butylphthalate	ND	280	100	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/16/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobenzene	ND	200	120	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/16/16	DD	SW8270D
Naphthalene	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
Nitrobenzene	ND	200	140	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	280	97	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	85			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	71			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	56			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	75			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	72			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	78			%	1	11/16/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

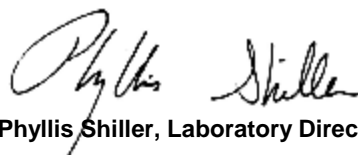
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83372

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B3 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	6860	40	8.1	mg/Kg	10	11/16/16	TH	SW6010C
Arsenic	1.44	0.81	0.81	mg/Kg	1	11/16/16	TH	SW6010C
Barium	41.6	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Beryllium	0.30	B 0.32	0.16	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	2020	4.0	3.7	mg/Kg	1	11/16/16	LK	SW6010C
Cadmium	ND	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	8.31	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	20.7	0.40	0.40	mg/Kg	1	11/16/16	LK	SW6010C
Copper	13.8	0.40	0.40	mg/kg	1	11/16/16	TH	SW6010C
Iron	16100	40	40	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	1750	8	3.1	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	3080	4.0	4.0	mg/Kg	1	11/16/16	LK	SW6010C
Manganese	332	4.0	4.0	mg/Kg	10	11/16/16	TH	SW6010C
Sodium	194	8	3.5	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	14.0	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Lead	2.2	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Antimony	ND	2.0	2.0	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.6	1.4	mg/Kg	1	11/16/16	TH	SW6010C
Thallium	ND	1.6	1.6	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	27.9	0.40	0.40	mg/Kg	1	11/16/16	LK	SW6010C
Zinc	35.0	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Percent Solid	85			%		11/15/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for Pest	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	76	76	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1221	ND	76	76	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1232	ND	76	76	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1242	ND	76	76	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1248	ND	76	76	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1254	ND	76	76	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1260	ND	76	76	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1262	ND	76	76	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1268	ND	76	76	ug/Kg	2	11/17/16	AW	SW8082A

QA/QC Surrogates

% DCBP	82			%	2	11/17/16	AW	30 - 150 %
% TCMX	73			%	2	11/17/16	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.6	7.6	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.6	7.6	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	38	38	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.6	7.6	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.6	7.6	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.6	7.6	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.6	7.6	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.6	7.6	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.6	7.6	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.6	7.6	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.6	7.6	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.6	7.6	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/16/16	CE	SW8081B

QA/QC Surrogates

% DCBP	81			%	2	11/16/16	CE	40 - 140 %
% TCMX	42			%	2	11/16/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	1.5	J 5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	0.67	J 5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
2-Hexanone	ND	27	5.4	ug/Kg	1	11/16/16	JLI	SW8260C
2-Isopropyltoluene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	5.4	ug/Kg	1	11/16/16	JLI	SW8260C
Acetone	ND	27	5.4	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	11	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
Benzene	1.0	J 5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
Bromobenzene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
Bromochloromethane	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
Bromoform	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
Bromomethane	ND	5.4	2.2	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
Chlorobenzene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroethane	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroform	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
Chloromethane	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromomethane	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
Ethylbenzene	100	J 420	42	ug/Kg	50	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
Isopropylbenzene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
m&p-Xylene	8.2	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	32	5.4	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
Methylene chloride	ND	5.4	5.4	ug/Kg	1	11/16/16	JLI	SW8260C
Naphthalene	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
n-Butylbenzene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
o-Xylene	1.5	J 5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
p-Isopropyltoluene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
sec-Butylbenzene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
Styrene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
tert-Butylbenzene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	2.7	ug/Kg	1	11/16/16	JLI	SW8260C
Toluene	44	J 420	42	ug/Kg	50	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	2.7	ug/Kg	1	11/16/16	JLI	SW8260C
Trichloroethene	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	5.4	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
Vinyl chloride	ND	5.4	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	92			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	81	43	ug/kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	22	1.1	ug/Kg	1	11/16/16	JLI	SW8260C
Acrolein	ND	22	2.7	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	22	0.54	ug/Kg	1	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	110	22	ug/Kg	1	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	11/16/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	11/16/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dichlorophenol	ND	190	140	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dimethylphenol	ND	270	96	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	11/16/16	DD	SW8270D
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylnaphthalene	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitroaniline	ND	270	270	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitrophenol	ND	270	250	ug/Kg	1	11/16/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	11/16/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	11/16/16	DD	SW8270D
3-Nitroaniline	ND	390	770	ug/Kg	1	11/16/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	230	77	ug/Kg	1	11/16/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	11/16/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitroaniline	ND	390	130	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitrophenol	ND	390	170	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
Aniline	ND	310	310	ug/Kg	1	11/16/16	DD	SW8270D
Anthracene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Benz(a)anthracene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzidine	ND	390	230	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(a)pyrene	ND	190	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzoic acid	ND	1900	770	ug/Kg	1	11/16/16	DD	SW8270D
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
Carbazole	ND	190	150	ug/Kg	1	11/16/16	DD	SW8270D
Chrysene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	190	130	ug/Kg	1	11/16/16	DD	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-butylphthalate	ND	270	100	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-octylphthalate	ND	270	100	ug/Kg	1	11/16/16	DD	SW8270D
Fluoranthene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Fluorene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobenzene	ND	190	110	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
Hexachloroethane	ND	190	120	ug/Kg	1	11/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Isophorone	ND	190	110	ug/Kg	1	11/16/16	DD	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	190	140	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	190	130	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	230	150	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	ND	270	110	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	270	120	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	ND	270	130	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	270	95	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	77			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	69			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	48			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	70			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	67			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	81			%	1	11/16/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

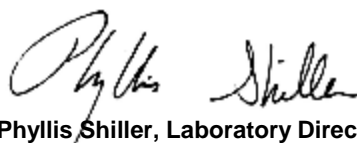
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83373

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B1 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	12600	40	8.0	mg/Kg	10	11/16/16	LK	SW6010C
Arsenic	1.72	0.80	0.80	mg/Kg	1	11/16/16	TH	SW6010C
Barium	62.1	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Beryllium	0.51	0.32	0.16	mg/Kg	1	11/16/16	LK	SW6010C
Calcium	1440	40	37	mg/Kg	10	11/16/16	TH	SW6010C
Cadmium	ND	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	11.8	0.40	0.40	mg/Kg	1	11/16/16	LK	SW6010C
Chromium	33.3	0.40	0.40	mg/Kg	1	11/16/16	LK	SW6010C
Copper	21.0	0.40	0.40	mg/kg	1	11/16/16	TH	SW6010C
Iron	24100	40	40	mg/Kg	10	11/16/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	2740	8	3.1	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	4100	4.0	4.0	mg/Kg	1	11/16/16	LK	SW6010C
Manganese	348	4.0	4.0	mg/Kg	10	11/16/16	TH	SW6010C
Sodium	313	8	3.4	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	15.8	0.40	0.40	mg/Kg	1	11/16/16	LK	SW6010C
Lead	7.6	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Antimony	ND	2.0	2.0	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.6	1.4	mg/Kg	1	11/16/16	LK	SW6010C
Thallium	ND	1.6	1.6	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	37.7	0.40	0.40	mg/Kg	1	11/16/16	LK	SW6010C
Zinc	49.4	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Percent Solid	78			%		11/15/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/17/16	JJ/V	SW3545A
Soil Extraction for Pest	Completed					11/17/16	JJ/V	SW3545A
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	85	85	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1221	ND	85	85	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1232	ND	85	85	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1242	ND	85	85	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1248	ND	85	85	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1254	ND	85	85	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1260	ND	85	85	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1262	ND	85	85	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1268	ND	85	85	ug/Kg	2	11/17/16	AW	SW8082A

QA/QC Surrogates

% DCBP	61			%	2	11/17/16	AW	30 - 150 %
% TCMX	63			%	2	11/17/16	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.5	2.5	ug/Kg	2	11/18/16	CE	SW8081B
4,4' -DDE	ND	2.5	2.5	ug/Kg	2	11/18/16	CE	SW8081B
4,4' -DDT	ND	2.5	2.5	ug/Kg	2	11/18/16	CE	SW8081B
a-BHC	ND	8.5	8.5	ug/Kg	2	11/18/16	CE	SW8081B
a-Chlordane	ND	4.2	4.2	ug/Kg	2	11/18/16	CE	SW8081B
Aldrin	ND	4.2	4.2	ug/Kg	2	11/18/16	CE	SW8081B
b-BHC	ND	8.5	8.5	ug/Kg	2	11/18/16	CE	SW8081B
Chlordane	ND	42	42	ug/Kg	2	11/18/16	CE	SW8081B
d-BHC	ND	8.5	8.5	ug/Kg	2	11/18/16	CE	SW8081B
Dieldrin	ND	4.2	4.2	ug/Kg	2	11/18/16	CE	SW8081B
Endosulfan I	ND	8.5	8.5	ug/Kg	2	11/18/16	CE	SW8081B
Endosulfan II	ND	8.5	8.5	ug/Kg	2	11/18/16	CE	SW8081B
Endosulfan sulfate	ND	8.5	8.5	ug/Kg	2	11/18/16	CE	SW8081B
Endrin	ND	8.5	8.5	ug/Kg	2	11/18/16	CE	SW8081B
Endrin aldehyde	ND	8.5	8.5	ug/Kg	2	11/18/16	CE	SW8081B
Endrin ketone	ND	8.5	8.5	ug/Kg	2	11/18/16	CE	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	11/18/16	CE	SW8081B
g-Chlordane	ND	4.2	4.2	ug/Kg	2	11/18/16	CE	SW8081B
Heptachlor	ND	8.5	8.5	ug/Kg	2	11/18/16	CE	SW8081B
Heptachlor epoxide	ND	8.5	8.5	ug/Kg	2	11/18/16	CE	SW8081B
Methoxychlor	ND	42	42	ug/Kg	2	11/18/16	CE	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	11/18/16	CE	SW8081B

QA/QC Surrogates

% DCBP	56			%	2	11/18/16	CE	40 - 140 %
% TCMX	53			%	2	11/18/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	270	71	ug/Kg	50	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	330	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	65000	3600	1400	ug/Kg	2000	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	36	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	570	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
2-Hexanone	ND	1800	360	ug/Kg	50	11/16/16	JLI	SW8260C
2-Isopropyltoluene	440	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	1800	360	ug/Kg	50	11/16/16	JLI	SW8260C
Acetone	ND	360	360	ug/Kg	50	11/16/16	JLI	SW8260C
Acrylonitrile	ND	710	71	ug/Kg	50	11/16/16	JLI	SW8260C
Benzene	90	60	36	ug/Kg	50	11/16/16	JLI	SW8260C
Bromobenzene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Bromochloromethane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
Bromoform	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
Bromomethane	ND	360	140	ug/Kg	50	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
Chlorobenzene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Chloroethane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Chloroform	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Chloromethane	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	36	ug/Kg	50	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
Dibromomethane	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Ethylbenzene	14000	1400	1400	ug/Kg	2000	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Isopropylbenzene	6300	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
m&p-Xylene	2100	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	360	360	ug/Kg	50	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	710	71	ug/Kg	50	11/16/16	JLI	SW8260C
Methylene chloride	ND	360	360	ug/Kg	50	11/16/16	JLI	SW8260C
Naphthalene	2200	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
n-Butylbenzene	7400	360	36	ug/Kg	50	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	16000	3900	2800	ug/Kg	2000	11/16/16	JLI	SW8260C
o-Xylene	1000	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
p-Isopropyltoluene	2800	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
sec-Butylbenzene	4800	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Styrene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
tert-Butylbenzene	270	J 360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	710	180	ug/Kg	50	11/16/16	JLI	SW8260C
Toluene	96	J 360	36	ug/Kg	50	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	190	36	ug/Kg	50	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	710	180	ug/Kg	50	11/16/16	JLI	SW8260C
Trichloroethene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	360	71	ug/Kg	50	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Vinyl chloride	ND	36	36	ug/Kg	50	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	50	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	147			%	50	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	95			%	50	11/16/16	JLI	70 - 130 %
% Toluene-d8	99			%	50	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	2800	2800	ug/kg	50	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	50	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	147			%	50	11/16/16	JLI	70 - 130 %
% Toluene-d8	99			%	50	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1400	71	ug/Kg	50	11/16/16	JLI	SW8260C
Acrolein	ND	1400	180	ug/Kg	50	11/16/16	JLI	SW8260C
Acrylonitrile	ND	1400	36	ug/Kg	50	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	7100	1400	ug/Kg	50	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	1	11/16/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Dichlorobenzene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
1,3-Dichlorobenzene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
1,4-Dichlorobenzene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	11/16/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dichlorophenol	ND	210	150	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrotoluene	ND	210	160	ug/Kg	1	11/16/16	DD	SW8270D
2,6-Dinitrotoluene	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
2-Chloronaphthalene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylnaphthalene	1600	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	290	200	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitroaniline	ND	290	290	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitrophenol	ND	290	270	ug/Kg	1	11/16/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	1	11/16/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	210	200	ug/Kg	1	11/16/16	DD	SW8270D
3-Nitroaniline	ND	420	840	ug/Kg	1	11/16/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	250	84	ug/Kg	1	11/16/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloroaniline	ND	330	190	ug/Kg	1	11/16/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitroaniline	ND	420	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitrophenol	ND	420	190	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthylene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Acetophenone	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Aniline	ND	330	330	ug/Kg	1	11/16/16	DD	SW8270D
Anthracene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benz(a)anthracene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzidine	ND	420	250	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(a)pyrene	ND	210	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzoic acid	ND	2100	840	ug/Kg	1	11/16/16	DD	SW8270D
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	210	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Carbazole	ND	210	170	ug/Kg	1	11/16/16	DD	SW8270D
Chrysene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	210	140	ug/Kg	1	11/16/16	DD	SW8270D
Dibenzofuran	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Diethyl phthalate	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Dimethylphthalate	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-butylphthalate	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-octylphthalate	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Fluoranthene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Fluorene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobenzene	ND	210	120	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobutadiene	ND	290	150	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Hexachloroethane	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Isophorone	ND	210	120	ug/Kg	1	11/16/16	DD	SW8270D
Naphthalene	3200	290	120	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	210	150	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	210	140	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	290	160	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	250	160	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	290	100	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	75			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	57			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	52			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	64			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	55			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	66			%	1	11/16/16	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
 3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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:

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

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

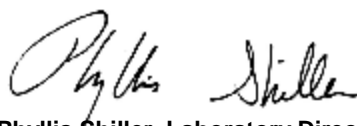
Pesticide Comment:

Due to matrix interference caused by the presence of PCBs in the sample, an elevated RL was reported.

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83374

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B1 (18-20)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.37	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	3690	37	7.4	mg/Kg	10	11/16/16	TH	SW6010C
Arsenic	1.19	0.74	0.74	mg/Kg	1	11/16/16	TH	SW6010C
Barium	18.4	0.7	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Beryllium	ND	0.30	0.15	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	468	3.7	3.4	mg/Kg	1	11/16/16	TH	SW6010C
Cadmium	ND	0.37	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	3.19	0.37	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	5.75	0.37	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Copper	6.20	0.37	0.37	mg/kg	1	11/16/16	TH	SW6010C
Iron	7760	37	37	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	436	7	2.9	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	1320	37	37	mg/Kg	10	11/16/16	TH	SW6010C
Manganese	74.9	0.37	0.37	mg/Kg	1	11/16/16	LK	SW6010C
Sodium	198	7	3.2	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	6.98	0.37	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Lead	1.0	0.7	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Antimony	ND	1.9	1.9	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.5	1.3	mg/Kg	1	11/16/16	TH	SW6010C
Thallium	ND	1.5	1.5	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	8.97	0.37	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Zinc	12.9	0.7	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Percent Solid	82			%		11/15/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	1.5	J 3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
2-Hexanone	ND	19	3.8	ug/Kg	1	11/16/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	19	3.8	ug/Kg	1	11/16/16	JLI	SW8260C
Acetone	ND	19	3.8	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	7.6	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
Benzene	0.84	J 3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Bromobenzene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Bromochloromethane	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
Bromoform	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
Bromomethane	ND	3.8	1.5	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
Chlorobenzene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroethane	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroform	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Chloromethane	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromomethane	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Ethylbenzene	39	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Isopropylbenzene	3.3	J 3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	2.2	J 3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	23	3.8	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.6	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
Methylene chloride	ND	3.8	3.8	ug/Kg	1	11/16/16	JLI	SW8260C
Naphthalene	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
n-Butylbenzene	0.64	J 3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
n-Propylbenzene	5.0	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
o-Xylene	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
sec-Butylbenzene	0.85	J 3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Styrene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
tert-Butylbenzene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	4.0	J 7.6	1.9	ug/Kg	1	11/16/16	JLI	SW8260C
Toluene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.6	1.9	ug/Kg	1	11/16/16	JLI	SW8260C
Trichloroethene	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.8	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Vinyl chloride	ND	3.8	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	57	30	ug/kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	15	0.76	ug/Kg	1	11/16/16	JLI	SW8260C
Acrolein	ND	15	1.9	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	15	0.38	ug/Kg	1	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	76	15	ug/Kg	1	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/15/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/15/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/15/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/15/16	DD	SW8270D
2,4-Dimethylphenol	ND	280	100	ug/Kg	1	11/15/16	DD	SW8270D
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/15/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/15/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	130	ug/Kg	1	11/15/16	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/15/16	DD	SW8270D
2-Nitroaniline	ND	280	280	ug/Kg	1	11/15/16	DD	SW8270D
2-Nitrophenol	ND	280	260	ug/Kg	1	11/15/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/15/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/15/16	DD	SW8270D
3-Nitroaniline	ND	400	810	ug/Kg	1	11/15/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	81	ug/Kg	1	11/15/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/15/16	DD	SW8270D
4-Chloroaniline	ND	320	190	ug/Kg	1	11/15/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	140	ug/Kg	1	11/15/16	DD	SW8270D
4-Nitroaniline	ND	400	130	ug/Kg	1	11/15/16	DD	SW8270D
4-Nitrophenol	ND	400	180	ug/Kg	1	11/15/16	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
Acetophenone	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/15/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Benz(a)anthracene	ND	280	140	ug/Kg	1	11/15/16	DD	SW8270D
Benzidine	ND	400	240	ug/Kg	1	11/15/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/15/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	11/15/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Benzoic acid	ND	2000	810	ug/Kg	1	11/15/16	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/15/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/15/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/15/16	DD	SW8270D
Chrysene	ND	280	140	ug/Kg	1	11/15/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/15/16	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/15/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Hexachlorobenzene	ND	200	120	ug/Kg	1	11/15/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	280	150	ug/Kg	1	11/15/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/15/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/15/16	DD	SW8270D
Naphthalene	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
Nitrobenzene	ND	200	140	ug/Kg	1	11/15/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/15/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/15/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/15/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/15/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/15/16	DD	SW8270D
Phenanthrene	ND	280	120	ug/Kg	1	11/15/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/15/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/15/16	DD	SW8270D
Pyridine	ND	280	99	ug/Kg	1	11/15/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	79			%	1	11/15/16	DD	30 - 130 %
% 2-Fluorobiphenyl	66			%	1	11/15/16	DD	30 - 130 %
% 2-Fluorophenol	49			%	1	11/15/16	DD	30 - 130 %
% Nitrobenzene-d5	70			%	1	11/15/16	DD	30 - 130 %
% Phenol-d5	66			%	1	11/15/16	DD	30 - 130 %
% Terphenyl-d14	74			%	1	11/15/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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.

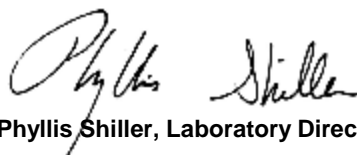
Comments:

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83375

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B2 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.42	0.42	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	4150	42	8.3	mg/Kg	10	11/16/16	TH	SW6010C
Arsenic	1.41	0.83	0.83	mg/Kg	1	11/16/16	TH	SW6010C
Barium	44.3	0.8	0.42	mg/Kg	1	11/16/16	TH	SW6010C
Beryllium	0.35	0.33	0.17	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	1170	4.2	3.8	mg/Kg	1	11/16/16	TH	SW6010C
Cadmium	ND	0.42	0.42	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	8.80	0.42	0.42	mg/Kg	1	11/16/16	LK	SW6010C
Chromium	19.6	0.42	0.42	mg/Kg	1	11/16/16	LK	SW6010C
Copper	13.9	0.42	0.42	mg/kg	1	11/16/16	TH	SW6010C
Iron	8490	42	42	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	1840	8	3.3	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	1650	42	42	mg/Kg	10	11/16/16	TH	SW6010C
Manganese	237	4.2	4.2	mg/Kg	10	11/16/16	TH	SW6010C
Sodium	341	8	3.6	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	14.8	0.42	0.42	mg/Kg	1	11/16/16	LK	SW6010C
Lead	4.4	0.8	0.42	mg/Kg	1	11/16/16	TH	SW6010C
Antimony	ND	2.1	2.1	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.7	1.4	mg/Kg	1	11/16/16	TH	SW6010C
Thallium	ND	1.7	1.7	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	29.3	0.42	0.42	mg/Kg	1	11/16/16	LK	SW6010C
Zinc	36.2	0.8	0.42	mg/Kg	1	11/16/16	TH	SW6010C
Percent Solid	81			%		11/15/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for Pest	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	80	80	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1221	ND	80	80	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1232	ND	80	80	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1242	ND	80	80	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1248	ND	80	80	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1254	ND	80	80	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1260	ND	80	80	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1262	ND	80	80	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1268	ND	80	80	ug/Kg	2	11/17/16	AW	SW8082A

QA/QC Surrogates

% DCBP	82			%	2	11/17/16	AW	30 - 150 %
% TCMX	75			%	2	11/17/16	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	11/17/16	CE	SW8081B
a-BHC	ND	8.0	8.0	ug/Kg	2	11/17/16	CE	SW8081B
a-Chlordane	ND	4.0	4.0	ug/Kg	2	11/17/16	CE	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	11/17/16	CE	SW8081B
b-BHC	ND	8.0	8.0	ug/Kg	2	11/17/16	CE	SW8081B
Chlordane	ND	40	40	ug/Kg	2	11/17/16	CE	SW8081B
d-BHC	ND	8.0	8.0	ug/Kg	2	11/17/16	CE	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan I	ND	8.0	8.0	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan II	ND	8.0	8.0	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan sulfate	ND	8.0	8.0	ug/Kg	2	11/17/16	CE	SW8081B
Endrin	ND	8.0	8.0	ug/Kg	2	11/17/16	CE	SW8081B
Endrin aldehyde	ND	8.0	8.0	ug/Kg	2	11/17/16	CE	SW8081B
Endrin ketone	ND	8.0	8.0	ug/Kg	2	11/17/16	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	11/17/16	CE	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor	ND	8.0	8.0	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor epoxide	ND	8.0	8.0	ug/Kg	2	11/17/16	CE	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	11/17/16	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	11/17/16	CE	SW8081B

QA/QC Surrogates

% DCBP	77			%	2	11/17/16	CE	40 - 140 %
% TCMX	53			%	2	11/17/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	270	83	ug/Kg	50	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	330	41	ug/Kg	50	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	260	J 410	41	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	41	41	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
2-Hexanone	ND	2100	410	ug/Kg	50	11/16/16	JLI	SW8260C
2-Isopropyltoluene	150	J 410	41	ug/Kg	50	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	2100	410	ug/Kg	50	11/16/16	JLI	SW8260C
Acetone	ND	410	410	ug/Kg	50	11/16/16	JLI	SW8260C
Acrylonitrile	ND	830	83	ug/Kg	50	11/16/16	JLI	SW8260C
Benzene	ND	60	41	ug/Kg	50	11/16/16	JLI	SW8260C
Bromobenzene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
Bromochloromethane	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
Bromoform	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
Bromomethane	ND	410	170	ug/Kg	50	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
Chlorobenzene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
Chloroethane	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
Chloroform	ND	370	41	ug/Kg	50	11/16/16	JLI	SW8260C
Chloromethane	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	41	ug/Kg	50	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
Dibromomethane	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
Ethylbenzene	420	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
Isopropylbenzene	600	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
m&p-Xylene	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	410	410	ug/Kg	50	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	830	83	ug/Kg	50	11/16/16	JLI	SW8260C
Methylene chloride	ND	410	410	ug/Kg	50	11/16/16	JLI	SW8260C
Naphthalene	490	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
n-Butylbenzene	410	J 410	41	ug/Kg	50	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	2800	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
o-Xylene	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
p-Isopropyltoluene	340	J 410	41	ug/Kg	50	11/16/16	JLI	SW8260C
sec-Butylbenzene	2000	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
Styrene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
tert-Butylbenzene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	830	210	ug/Kg	50	11/16/16	JLI	SW8260C
Toluene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	190	41	ug/Kg	50	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	830	210	ug/Kg	50	11/16/16	JLI	SW8260C
Trichloroethene	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	410	83	ug/Kg	50	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	410	41	ug/Kg	50	11/16/16	JLI	SW8260C
Vinyl chloride	ND	41	41	ug/Kg	50	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	50	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	114			%	50	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	94			%	50	11/16/16	JLI	70 - 130 %
% Toluene-d8	94			%	50	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	3300	3300	ug/kg	50	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	50	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	114			%	50	11/16/16	JLI	70 - 130 %
% Toluene-d8	94			%	50	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1700	83	ug/Kg	50	11/16/16	JLI	SW8260C
Acrolein	ND	1700	210	ug/Kg	50	11/16/16	JLI	SW8260C
Acrylonitrile	ND	1700	41	ug/Kg	50	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	8300	1700	ug/Kg	50	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/16/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dimethylphenol	ND	280	100	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/16/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylnaphthalene	1500	280	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitroaniline	ND	280	280	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitrophenol	ND	280	260	ug/Kg	1	11/16/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/16/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/16/16	DD	SW8270D
3-Nitroaniline	ND	400	800	ug/Kg	1	11/16/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	80	ug/Kg	1	11/16/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloroaniline	ND	320	190	ug/Kg	1	11/16/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitroaniline	ND	400	130	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitrophenol	ND	400	180	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
Acetophenone	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/16/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Benz(a)anthracene	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzidine	ND	400	240	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzoic acid	ND	2000	800	ug/Kg	1	11/16/16	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/16/16	DD	SW8270D
Chrysene	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/16/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobenzene	ND	200	120	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobutadiene	ND	280	150	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/16/16	DD	SW8270D
Naphthalene	3000	280	120	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	200	140	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	280	99	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	72			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	59			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	54			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	67			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	58			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	68			%	1	11/16/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

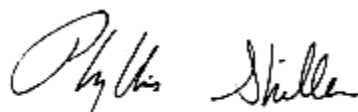
Volatile Comment:

Elevated reporting limits for volatiles due to the presence of non-target compounds.

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83376

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B2 (22.5-25)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	5080	40	8.0	mg/Kg	10	11/16/16	TH	SW6010C
Arsenic	1.09	0.80	0.80	mg/Kg	1	11/16/16	TH	SW6010C
Barium	25.4	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Beryllium	0.19	B 0.32	0.16	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	750	40	37	mg/Kg	10	11/16/16	TH	SW6010C
Cadmium	ND	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	4.95	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	10.9	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Copper	8.23	0.40	0.40	mg/kg	1	11/16/16	TH	SW6010C
Iron	9490	40	40	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	943	8	3.1	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	1910	4.0	4.0	mg/Kg	1	11/16/16	TH	SW6010C
Manganese	175	4.0	4.0	mg/Kg	10	11/16/16	TH	SW6010C
Sodium	168	8	3.4	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	8.76	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Lead	1.4	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Antimony	ND	2.0	2.0	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.6	1.4	mg/Kg	1	11/16/16	TH	SW6010C
Thallium	ND	1.6	1.6	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	14.7	0.40	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Zinc	20.5	0.8	0.40	mg/Kg	1	11/16/16	TH	SW6010C
Percent Solid	79			%		11/15/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	480	330	33	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	2300	330	33	ug/Kg	50	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
2-Hexanone	ND	22	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
2-Isopropyltoluene	14	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	22	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
Acetone	ND	22	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	8.9	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
Benzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Bromobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Bromochloromethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
Bromoform	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
Bromomethane	ND	4.4	1.8	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon Disulfide	2.2	J 4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
Chlorobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroform	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Chloromethane	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromomethane	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Ethylbenzene	500	330	33	ug/Kg	50	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Isopropylbenzene	500	330	33	ug/Kg	50	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	500	330	65	ug/Kg	50	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	27	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.9	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
Methylene chloride	ND	4.4	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
Naphthalene	390	330	65	ug/Kg	50	11/16/16	JLI	SW8260C
n-Butylbenzene	1200	330	33	ug/Kg	50	11/16/16	JLI	SW8260C
n-Propylbenzene	2000	330	65	ug/Kg	50	11/16/16	JLI	SW8260C
o-Xylene	29	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
p-Isopropyltoluene	71	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
sec-Butylbenzene	350	330	33	ug/Kg	50	11/16/16	JLI	SW8260C
Styrene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
tert-Butylbenzene	8.9	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.9	2.2	ug/Kg	1	11/16/16	JLI	SW8260C
Toluene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.9	2.2	ug/Kg	1	11/16/16	JLI	SW8260C
Trichloroethene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.4	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Vinyl chloride	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	132			%	1	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	127			%	1	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	66	35	ug/kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	132			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	127			%	1	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	18	0.89	ug/Kg	1	11/16/16	JLI	SW8260C
Acrolein	ND	18	2.2	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	18	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	89	18	ug/Kg	1	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Dichlorobenzene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
1,3-Dichlorobenzene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
1,4-Dichlorobenzene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	11/16/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	210	140	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrophenol	ND	290	290	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrotoluene	ND	210	160	ug/Kg	1	11/16/16	DD	SW8270D
2,6-Dinitrotoluene	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
2-Chloronaphthalene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Chlorophenol	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylnaphthalene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	290	190	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitroaniline	ND	290	290	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitrophenol	ND	290	260	ug/Kg	1	11/16/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	1	11/16/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	210	190	ug/Kg	1	11/16/16	DD	SW8270D
3-Nitroaniline	ND	410	820	ug/Kg	1	11/16/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	250	82	ug/Kg	1	11/16/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloroaniline	ND	330	190	ug/Kg	1	11/16/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitroaniline	ND	410	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitrophenol	ND	410	190	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthylene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Acetophenone	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Aniline	ND	330	330	ug/Kg	1	11/16/16	DD	SW8270D
Anthracene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Benz(a)anthracene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzidine	ND	410	240	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(a)pyrene	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzoic acid	ND	2100	820	ug/Kg	1	11/16/16	DD	SW8270D
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	210	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Carbazole	ND	210	160	ug/Kg	1	11/16/16	DD	SW8270D
Chrysene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
Dibenzofuran	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Diethyl phthalate	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Dimethylphthalate	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-butylphthalate	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-octylphthalate	ND	290	110	ug/Kg	1	11/16/16	DD	SW8270D
Fluoranthene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Fluorene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobenzene	ND	210	120	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	290	150	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Hexachloroethane	ND	210	120	ug/Kg	1	11/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Isophorone	ND	210	120	ug/Kg	1	11/16/16	DD	SW8270D
Naphthalene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Nitrobenzene	ND	210	140	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	290	150	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	250	160	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	ND	290	120	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	290	130	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	ND	290	140	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	290	100	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	68			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	61			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	54			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	65			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	63			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	67			%	1	11/16/16	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
 3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
 QA/QC Surrogates: Surrogates are compounds (preceded 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.

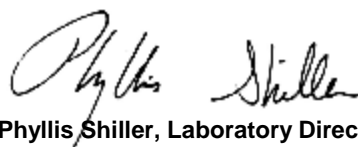
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile comment

**Poor surrogate recovery was observed for volatiles due to matrix interference.

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83377

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B10 (10-15)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.35	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	4600	35	6.9	mg/Kg	10	11/16/16	TH	SW6010C
Arsenic	1.28	0.69	0.69	mg/Kg	1	11/16/16	TH	SW6010C
Barium	20.0	0.7	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Beryllium	0.19	B 0.28	0.14	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	1060	35	32	mg/Kg	10	11/16/16	TH	SW6010C
Cadmium	ND	0.35	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	4.49	0.35	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	14.9	0.35	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Copper	8.89	0.35	0.35	mg/kg	1	11/16/16	TH	SW6010C
Iron	11200	35	35	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	546	7	2.7	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	1530	3.5	3.5	mg/Kg	1	11/16/16	TH	SW6010C
Manganese	180	3.5	3.5	mg/Kg	10	11/16/16	TH	SW6010C
Sodium	131	7	3.0	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	9.29	0.35	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Lead	2.2	0.7	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Antimony	ND	1.7	1.7	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.4	1.2	mg/Kg	1	11/16/16	TH	SW6010C
Thallium	ND	1.4	1.4	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	17.1	0.35	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Zinc	18.5	0.7	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Percent Solid	90			%		11/15/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for Pest	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1221	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1232	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1242	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1248	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1254	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1260	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1262	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1268	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	82			%	2	11/16/16	AW	30 - 150 %
% TCMX	69			%	2	11/16/16	AW	30 - 150 %
<u>Pesticides - Soil</u>								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	11/17/16	CE	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	11/17/16	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	11/17/16	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	11/17/16	CE	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	11/17/16	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	11/17/16	CE	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	11/17/16	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	11/17/16	CE	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	11/17/16	CE	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	11/17/16	CE	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	11/17/16	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/17/16	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	11/17/16	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	11/17/16	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/17/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	87			%	2	11/17/16	CE	40 - 140 %
% TCMX	43			%	2	11/17/16	CE	40 - 140 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	0.66	J 3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	0.51	J 3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
2-Hexanone	ND	18	3.6	ug/Kg	1	11/16/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	18	3.6	ug/Kg	1	11/16/16	JLI	SW8260C
Acetone	4.8	JS 18	3.6	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	7.1	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
Benzene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Bromobenzene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Bromochloromethane	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
Bromoform	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
Bromomethane	ND	3.6	1.4	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
Chlorobenzene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroethane	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroform	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Chloromethane	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromomethane	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Ethylbenzene	0.60	J 3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Isopropylbenzene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
m&p-Xylene	1.5	J 3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	21	3.6	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.1	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
Methylene chloride	ND	3.6	3.6	ug/Kg	1	11/16/16	JLI	SW8260C
Naphthalene	240	210	43	ug/Kg	50	11/16/16	JLI	SW8260C
n-Butylbenzene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
o-Xylene	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
sec-Butylbenzene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Styrene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
tert-Butylbenzene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.1	1.8	ug/Kg	1	11/16/16	JLI	SW8260C
Toluene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.1	1.8	ug/Kg	1	11/16/16	JLI	SW8260C
Trichloroethene	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.6	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Vinyl chloride	ND	3.6	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	53	28	ug/kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	14	0.71	ug/Kg	1	11/16/16	JLI	SW8260C
Acrolein	ND	14	1.8	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	14	0.36	ug/Kg	1	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	71	14	ug/Kg	1	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/16/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/16/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dimethylphenol	ND	250	90	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/16/16	DD	SW8270D
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitroaniline	ND	250	250	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	1	11/16/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/16/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	11/16/16	DD	SW8270D
3-Nitroaniline	ND	360	730	ug/Kg	1	11/16/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	220	73	ug/Kg	1	11/16/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	11/16/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitroaniline	ND	360	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	11/16/16	DD	SW8270D
Anthracene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzidine	ND	360	210	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(a)pyrene	ND	180	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzoic acid	ND	1800	730	ug/Kg	1	11/16/16	DD	SW8270D
Benzyl butyl phthalate	ND	250	94	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	180	98	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
Carbazole	ND	180	150	ug/Kg	1	11/16/16	DD	SW8270D
Chrysene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	11/16/16	DD	SW8270D
Dibenzofuran	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-butylphthalate	ND	250	97	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-octylphthalate	ND	250	94	ug/Kg	1	11/16/16	DD	SW8270D
Fluoranthene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobenzene	ND	180	110	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Hexachloroethane	ND	180	110	ug/Kg	1	11/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Isophorone	ND	180	100	ug/Kg	1	11/16/16	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	180	130	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	250	140	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	ND	250	130	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	250	90	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	84			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	50			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	64			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	65			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	73			%	1	11/16/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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 there are any questions regarding this data, please call Phoenix Client Services at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83378

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B9 (3-5)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	0.46	0.39	0.39	mg/Kg	1	11/16/16	LK	SW6010C
Aluminum	6550	39	7.9	mg/Kg	10	11/16/16	TH	SW6010C
Arsenic	7.72	0.79	0.79	mg/Kg	1	11/16/16	LK	SW6010C
Barium	261	0.8	0.39	mg/Kg	1	11/16/16	LK	SW6010C
Beryllium	0.34	0.31	0.16	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	12900	39	36	mg/Kg	10	11/16/16	LK	SW6010C
Cadmium	1.60	0.39	0.39	mg/Kg	1	11/16/16	LK	SW6010C
Cobalt	6.21	0.39	0.39	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	20.0	0.39	0.39	mg/Kg	1	11/16/16	LK	SW6010C
Copper	170	3.9	3.9	mg/kg	10	11/16/16	LK	SW6010C
Iron	14800	39	39	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	0.65	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	1130	8	3.1	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	6810	39	39	mg/Kg	10	11/16/16	LK	SW6010C
Manganese	135	0.39	0.39	mg/Kg	1	11/16/16	TH	SW6010C
Sodium	348	8	3.4	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	16.6	0.39	0.39	mg/Kg	1	11/16/16	LK	SW6010C
Lead	399	7.9	3.9	mg/Kg	10	11/16/16	LK	SW6010C
Antimony	3.3	2.0	2.0	mg/Kg	1	11/16/16	LK	SW6010C
Selenium	ND	1.6	1.3	mg/Kg	1	11/16/16	LK	SW6010C
Thallium	ND	1.6	1.6	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	39.7	0.39	0.39	mg/Kg	1	11/16/16	LK	SW6010C
Zinc	431	7.9	3.9	mg/Kg	10	11/16/16	LK	SW6010C
Percent Solid	87			%		11/15/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	270	72	ug/Kg	50	11/16/16	JLI	SW8260C
1,1-Dichloroethene	ND	330	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	44000	3600	720	ug/Kg	1000	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	36	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	13000	7200	720	ug/Kg	1000	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
2-Hexanone	ND	1800	360	ug/Kg	50	11/16/16	JLI	SW8260C
2-Isopropyltoluene	160	J 360	36	ug/Kg	50	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	1800	360	ug/Kg	50	11/16/16	JLI	SW8260C
Acetone	640	S 360	360	ug/Kg	50	11/16/16	JLI	SW8260C
Acrylonitrile	ND	720	72	ug/Kg	50	11/16/16	JLI	SW8260C
Benzene	800	720	720	ug/Kg	1000	11/16/16	JLI	SW8260C
Bromobenzene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Bromochloromethane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
Bromoform	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
Bromomethane	ND	360	140	ug/Kg	50	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
Chlorobenzene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Chloroethane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Chloroform	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Chloromethane	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	36	ug/Kg	50	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
Dibromomethane	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Ethylbenzene	8300	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Isopropylbenzene	2200	360	36	ug/Kg	50	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	32000	7200	1400	ug/Kg	1000	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	360	360	ug/Kg	50	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	99	J 720	72	ug/Kg	50	11/16/16	JLI	SW8260C
Methylene chloride	ND	360	360	ug/Kg	50	11/16/16	JLI	SW8260C
Naphthalene	10000	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
n-Butylbenzene	2700	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
n-Propylbenzene	5600	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
o-Xylene	13000	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
p-Isopropyltoluene	1100	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
sec-Butylbenzene	1300	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Styrene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
tert-Butylbenzene	44	J 360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	720	180	ug/Kg	50	11/16/16	JLI	SW8260C
Toluene	1900	720	720	ug/Kg	1000	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	190	36	ug/Kg	50	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	720	180	ug/Kg	50	11/16/16	JLI	SW8260C
Trichloroethene	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	360	72	ug/Kg	50	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	360	36	ug/Kg	50	11/16/16	JLI	SW8260C
Vinyl chloride	ND	36	36	ug/Kg	50	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	50	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	105			%	50	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	94			%	50	11/16/16	JLI	70 - 130 %
% Toluene-d8	98			%	50	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	2900	2900	ug/kg	50	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	50	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	105			%	50	11/16/16	JLI	70 - 130 %
% Toluene-d8	98			%	50	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1400	72	ug/Kg	50	11/16/16	JLI	SW8260C
Acrolein	ND	1400	180	ug/Kg	50	11/16/16	JLI	SW8260C
Acrylonitrile	ND	1400	36	ug/Kg	50	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	7200	1400	ug/Kg	50	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/16/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Dichlorobenzene	120	J 260	100	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/16/16	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/16/16	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/16/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	11/16/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dimethylphenol	170	J 260	92	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	11/16/16	DD	SW8270D
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylnaphthalene	1600	260	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitroaniline	ND	260	260	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitrophenol	ND	260	240	ug/Kg	1	11/16/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	11/16/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	11/16/16	DD	SW8270D
3-Nitroaniline	ND	370	740	ug/Kg	1	11/16/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	220	74	ug/Kg	1	11/16/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloroaniline	ND	300	170	ug/Kg	1	11/16/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitroaniline	ND	370	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthene	410	260	110	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthylene	170	J 260	100	ug/Kg	1	11/16/16	DD	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/16/16	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	11/16/16	DD	SW8270D
Anthracene	660	260	120	ug/Kg	1	11/16/16	DD	SW8270D
Benz(a)anthracene	1500	260	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzidine	ND	370	220	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(a)pyrene	1100	190	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(b)fluoranthene	1100	260	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(ghi)perylene	640	260	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(k)fluoranthene	900	260	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzoic acid	ND	1900	740	ug/Kg	1	11/16/16	DD	SW8270D
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	1600	260	110	ug/Kg	1	11/16/16	DD	SW8270D
Carbazole	360	190	150	ug/Kg	1	11/16/16	DD	SW8270D
Chrysene	1600	260	120	ug/Kg	1	11/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	11/16/16	DD	SW8270D
Dibenzofuran	340	260	110	ug/Kg	1	11/16/16	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/16/16	DD	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-butylphthalate	ND	260	99	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-octylphthalate	ND	260	96	ug/Kg	1	11/16/16	DD	SW8270D
Fluoranthene	6100	260	120	ug/Kg	1	11/16/16	DD	SW8270D
Fluorene	590	260	120	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobenzene	ND	190	110	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	260	130	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/16/16	DD	SW8270D
Hexachloroethane	ND	190	110	ug/Kg	1	11/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	630	260	120	ug/Kg	1	11/16/16	DD	SW8270D
Isophorone	ND	190	100	ug/Kg	1	11/16/16	DD	SW8270D
Naphthalene	1000	260	110	ug/Kg	1	11/16/16	DD	SW8270D
Nitrobenzene	ND	190	130	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	4100	260	110	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	5500	260	130	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	260	91	ug/Kg	1	11/16/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	105			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	75			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	73			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	78			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	77			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	136			%	1	11/16/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level 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.

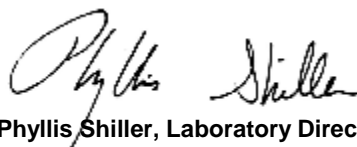
Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83379

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: 15B9 (10-15)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.35	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	4470	35	7.0	mg/Kg	10	11/16/16	TH	SW6010C
Arsenic	1.96	0.70	0.70	mg/Kg	1	11/16/16	TH	SW6010C
Barium	26.0	0.7	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Beryllium	0.21	B 0.28	0.14	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	1710	35	32	mg/Kg	10	11/16/16	TH	SW6010C
Cadmium	ND	0.35	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	5.26	0.35	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	15.8	0.35	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Copper	11.1	0.35	0.35	mg/kg	1	11/16/16	TH	SW6010C
Iron	12800	35	35	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	671	7	2.7	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	1480	3.5	3.5	mg/Kg	1	11/16/16	TH	SW6010C
Manganese	212	3.5	3.5	mg/Kg	10	11/16/16	TH	SW6010C
Sodium	147	7	3.0	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	10.1	0.35	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Lead	2.2	0.7	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Antimony	ND	1.8	1.8	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.4	1.2	mg/Kg	1	11/16/16	TH	SW6010C
Thallium	ND	1.4	1.4	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	30.5	0.35	0.35	mg/Kg	1	11/16/16	LK	SW6010C
Zinc	22.0	0.7	0.35	mg/Kg	1	11/16/16	TH	SW6010C
Percent Solid	91			%		11/15/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for Pest	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	72	72	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1221	ND	72	72	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1232	ND	72	72	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1242	ND	72	72	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1248	ND	72	72	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1254	ND	72	72	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1260	ND	72	72	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1262	ND	72	72	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1268	ND	72	72	ug/Kg	2	11/16/16	AW	SW8082A

QA/QC Surrogates

% DCBP	79			%	2	11/16/16	AW	30 - 150 %
% TCMX	68			%	2	11/16/16	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	11/17/16	CE	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	11/17/16	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	11/17/16	CE	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Chlordane	ND	36	36	ug/Kg	2	11/17/16	CE	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Endrin	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Endrin aldehyde	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
g-BHC	ND	5.0	5.0	ug/Kg	2	11/17/16	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	11/17/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/17/16	CE	SW8081B

QA/QC Surrogates

% DCBP	73			%	2	11/17/16	CE	40 - 140 %
% TCMX	44			%	2	11/17/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	0.86	J 4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
2-Hexanone	ND	22	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	22	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
Acetone	53	S 22	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	8.8	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Benzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Bromobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Bromochloromethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Bromoform	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Bromomethane	ND	4.4	1.8	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon Disulfide	1.6	J 4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Chlorobenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroform	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Chloromethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromomethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Ethylbenzene	0.56	J 4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Isopropylbenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
m&p-Xylene	1.2	J 4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	13	J 26	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	6.7	J 8.8	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Methylene chloride	ND	4.4	4.4	ug/Kg	1	11/16/16	JLI	SW8260C
Naphthalene	2.5	J 4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
n-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
o-Xylene	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
sec-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Styrene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
tert-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.8	2.2	ug/Kg	1	11/16/16	JLI	SW8260C
Toluene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.8	2.2	ug/Kg	1	11/16/16	JLI	SW8260C
Trichloroethene	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.4	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Vinyl chloride	ND	4.4	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	66	35	ug/kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	18	0.88	ug/Kg	1	11/16/16	JLI	SW8260C
Acrolein	ND	18	2.2	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	18	0.44	ug/Kg	1	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	88	18	ug/Kg	1	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/16/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/16/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/16/16	DD	SW8270D
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitroaniline	ND	250	250	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	1	11/16/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/16/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	11/16/16	DD	SW8270D
3-Nitroaniline	ND	360	710	ug/Kg	1	11/16/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	210	71	ug/Kg	1	11/16/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	11/16/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitroaniline	ND	360	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	11/16/16	DD	SW8270D
Anthracene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzidine	ND	360	210	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(a)pyrene	ND	180	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzoic acid	ND	1800	710	ug/Kg	1	11/16/16	DD	SW8270D
Benzyl butyl phthalate	ND	250	92	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	180	96	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
Carbazole	ND	180	140	ug/Kg	1	11/16/16	DD	SW8270D
Chrysene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	11/16/16	DD	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-butylphthalate	ND	250	95	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-octylphthalate	ND	250	92	ug/Kg	1	11/16/16	DD	SW8270D
Fluoranthene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobenzene	ND	180	100	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Hexachloroethane	ND	180	110	ug/Kg	1	11/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Isophorone	ND	180	100	ug/Kg	1	11/16/16	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	180	130	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	210	140	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	250	88	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	107			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	73			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	57			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	78			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	63			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	71			%	1	11/16/16	DD	30 - 130 %

1 = This parameter is not certified by 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 LOO, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level 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.

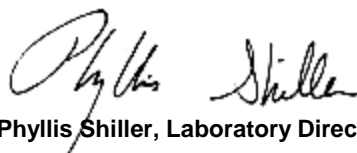
Pesticide Comment:

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.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83380

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: SOIL DUPLICATE 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.38	0.38	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	8170	38	7.5	mg/Kg	10	11/16/16	LK	SW6010C
Arsenic	6.36	0.75	0.75	mg/Kg	1	11/16/16	LK	SW6010C
Barium	113	0.8	0.38	mg/Kg	1	11/16/16	LK	SW6010C
Beryllium	0.41	0.30	0.15	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	6690	3.8	3.5	mg/Kg	1	11/16/16	LK	SW6010C
Cadmium	0.58	0.38	0.38	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	7.23	0.38	0.38	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	20.2	0.38	0.38	mg/Kg	1	11/16/16	LK	SW6010C
Copper	73.7	0.38	0.38	mg/kg	1	11/16/16	LK	SW6010C
Iron	19800	38	38	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	1.04	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	1120	8	2.9	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	2120	3.8	3.8	mg/Kg	1	11/16/16	TH	SW6010C
Manganese	386	3.8	3.8	mg/Kg	10	11/16/16	TH	SW6010C
Sodium	230	8	3.2	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	15.1	0.38	0.38	mg/Kg	1	11/16/16	LK	SW6010C
Lead	243	7.5	3.8	mg/Kg	10	11/16/16	LK	SW6010C
Antimony	ND	1.9	1.9	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.5	1.3	mg/Kg	1	11/16/16	LK	SW6010C
Thallium	ND	1.5	1.5	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	25.0	0.38	0.38	mg/Kg	1	11/16/16	TH	SW6010C
Zinc	160	7.5	3.8	mg/Kg	10	11/16/16	LK	SW6010C
Percent Solid	92			%		11/15/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for Pest	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1221	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1232	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1242	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1248	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1254	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1260	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1262	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1268	ND	72	72	ug/Kg	2	11/17/16	AW	SW8082A

QA/QC Surrogates

% DCBP	73			%	2	11/17/16	AW	30 - 150 %
% TCMX	67			%	2	11/17/16	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDE	ND	4.0	4.0	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDT	ND	15	15	ug/Kg	2	11/17/16	CE	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	11/17/16	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	11/17/16	CE	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Chlordane	ND	36	36	ug/Kg	2	11/17/16	CE	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Endrin	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Endrin aldehyde	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/17/16	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	11/17/16	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	11/17/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/17/16	CE	SW8081B

QA/QC Surrogates

% DCBP	74			%	2	11/17/16	CE	40 - 140 %
% TCMX	49			%	2	11/17/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	0.91	J 4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	0.67	J 4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
2-Hexanone	ND	21	4.1	ug/Kg	1	11/16/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	21	4.1	ug/Kg	1	11/16/16	JLI	SW8260C
Acetone	ND	21	4.1	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	8.3	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
Benzene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Bromobenzene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Bromochloromethane	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
Bromoform	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
Bromomethane	ND	4.1	1.7	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
Chlorobenzene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroethane	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Chloroform	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Chloromethane	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
Dibromomethane	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Ethylbenzene	0.58	J 4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Isopropylbenzene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
m&p-Xylene	1.4	J 4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	25	4.1	ug/Kg	1	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.3	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
Methylene chloride	ND	4.1	4.1	ug/Kg	1	11/16/16	JLI	SW8260C
Naphthalene	0.97	J 4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
n-Butylbenzene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
o-Xylene	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
sec-Butylbenzene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Styrene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
tert-Butylbenzene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.3	2.1	ug/Kg	1	11/16/16	JLI	SW8260C
Toluene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.3	2.1	ug/Kg	1	11/16/16	JLI	SW8260C
Trichloroethene	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.1	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Vinyl chloride	ND	4.1	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	87			%	1	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	62	33	ug/kg	1	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	87			%	1	11/16/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	17	0.83	ug/Kg	1	11/16/16	JLI	SW8260C
Acrolein	ND	17	2.1	ug/Kg	1	11/16/16	JLI	SW8260C
Acrylonitrile	ND	17	0.41	ug/Kg	1	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	83	17	ug/Kg	1	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/16/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/16/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/16/16	DD	SW8270D
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitroaniline	ND	250	250	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	1	11/16/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/16/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	11/16/16	DD	SW8270D
3-Nitroaniline	ND	360	720	ug/Kg	1	11/16/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	210	72	ug/Kg	1	11/16/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	11/16/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitroaniline	ND	360	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	11/16/16	DD	SW8270D
Anthracene	210	J 250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benz(a)anthracene	980	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzidine	ND	360	210	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(a)pyrene	930	180	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(b)fluoranthene	730	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(ghi)perylene	590	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(k)fluoranthene	730	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Benzoic acid	ND	1800	720	ug/Kg	1	11/16/16	DD	SW8270D
Benzyl butyl phthalate	ND	250	92	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	180	97	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
Carbazole	ND	180	140	ug/Kg	1	11/16/16	DD	SW8270D
Chrysene	1100	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Dibenz(a,h)anthracene	140	J 180	120	ug/Kg	1	11/16/16	DD	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-butylphthalate	ND	250	95	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-octylphthalate	ND	250	92	ug/Kg	1	11/16/16	DD	SW8270D
Fluoranthene	1900	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobenzene	ND	180	100	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Hexachloroethane	ND	180	110	ug/Kg	1	11/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	610	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Isophorone	ND	180	100	ug/Kg	1	11/16/16	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	180	130	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	210	140	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	1000	250	100	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	250	110	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	1900	250	120	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	250	88	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	88			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	69			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	42			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	76			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	55			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	64			%	1	11/16/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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.

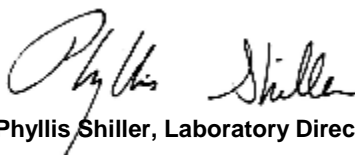
Pesticide Comment:

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.

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/14/16
 11/15/16

Time

17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83381

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: SOIL DUPLICATE 4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.37	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Aluminum	6770	37	7.4	mg/Kg	10	11/16/16	TH	SW6010C
Arsenic	1.33	0.74	0.74	mg/Kg	1	11/16/16	TH	SW6010C
Barium	40.3	0.7	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Beryllium	0.28	B 0.30	0.15	mg/Kg	1	11/16/16	TH	SW6010C
Calcium	1090	37	34	mg/Kg	10	11/16/16	TH	SW6010C
Cadmium	ND	0.37	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Cobalt	7.22	0.37	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Chromium	16.7	0.37	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Copper	11.6	0.37	0.37	mg/kg	1	11/16/16	TH	SW6010C
Iron	15000	37	37	mg/Kg	10	11/16/16	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/16/16	RS	SW7471B
Potassium	1410	7	2.9	mg/Kg	1	11/16/16	LK	SW6010C
Magnesium	2640	3.7	3.7	mg/Kg	1	11/16/16	LK	SW6010C
Manganese	337	3.7	3.7	mg/Kg	10	11/16/16	TH	SW6010C
Sodium	303	7	3.2	mg/Kg	1	11/16/16	LK	SW6010C
Nickel	13.2	0.37	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Lead	2.8	0.7	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Antimony	ND	1.9	1.9	mg/Kg	1	11/16/16	TH	SW6010C
Selenium	ND	1.5	1.3	mg/Kg	1	11/16/16	TH	SW6010C
Thallium	ND	1.5	1.5	mg/Kg	1	11/16/16	TH	SW6010C
Vanadium	25.1	0.37	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Zinc	30.3	0.7	0.37	mg/Kg	1	11/16/16	TH	SW6010C
Percent Solid	81			%		11/15/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for Pest	Completed					11/15/16	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/15/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					11/16/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/15/16	X/AG	SW3050B
Field Extraction	Completed					11/14/16		SW5035A
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	82	82	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1221	ND	82	82	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1232	ND	82	82	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1242	ND	82	82	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1248	ND	82	82	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1254	ND	82	82	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1260	ND	82	82	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1262	ND	82	82	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1268	ND	82	82	ug/Kg	2	11/17/16	AW	SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	72			%	2	11/17/16	AW	30 - 150 %
% TCMX	67			%	2	11/17/16	AW	30 - 150 %
<u>Pesticides - Soil</u>								
4,4' -DDD	ND	2.4	2.4	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	11/17/16	CE	SW8081B
a-BHC	ND	8.2	8.2	ug/Kg	2	11/17/16	CE	SW8081B
a-Chlordane	ND	4.1	4.1	ug/Kg	2	11/17/16	CE	SW8081B
Aldrin	ND	4.1	4.1	ug/Kg	2	11/17/16	CE	SW8081B
b-BHC	ND	8.2	8.2	ug/Kg	2	11/17/16	CE	SW8081B
Chlordane	ND	41	41	ug/Kg	2	11/17/16	CE	SW8081B
d-BHC	ND	8.2	8.2	ug/Kg	2	11/17/16	CE	SW8081B
Dieldrin	ND	4.1	4.1	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan I	ND	8.2	8.2	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan II	ND	8.2	8.2	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan sulfate	ND	8.2	8.2	ug/Kg	2	11/17/16	CE	SW8081B
Endrin	ND	8.2	8.2	ug/Kg	2	11/17/16	CE	SW8081B
Endrin aldehyde	ND	8.2	8.2	ug/Kg	2	11/17/16	CE	SW8081B
Endrin ketone	ND	8.2	8.2	ug/Kg	2	11/17/16	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	11/17/16	CE	SW8081B
g-Chlordane	ND	4.1	4.1	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor	ND	8.2	8.2	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor epoxide	ND	8.2	8.2	ug/Kg	2	11/17/16	CE	SW8081B
Methoxychlor	ND	41	41	ug/Kg	2	11/17/16	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	11/17/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	74			%	2	11/17/16	CE	40 - 140 %
% TCMX	53			%	2	11/17/16	CE	40 - 140 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
1,1-Dichloroethane	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
1,1-Dichloropropene	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
1,2,4-Trimethylbenzene	17000	3600	520	ug/Kg	1000	11/16/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dibromoethane	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dichloroethane	ND	26	26	ug/Kg	50	11/16/16	JLI	SW8260C
1,2-Dichloropropane	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
1,3,5-Trimethylbenzene	5200	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
1,3-Dichloropropane	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
2,2-Dichloropropane	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
2-Chlorotoluene	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
2-Hexanone	ND	1300	260	ug/Kg	50	11/16/16	JLI	SW8260C
2-Isopropyltoluene	100	J 260	26	ug/Kg	50	11/16/16	JLI	SW8260C
4-Chlorotoluene	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	1300	260	ug/Kg	50	11/16/16	JLI	SW8260C
Acetone	400	S 260	260	ug/Kg	50	11/16/16	JLI	SW8260C
Acrylonitrile	ND	520	52	ug/Kg	50	11/16/16	JLI	SW8260C
Benzene	ND	60	26	ug/Kg	50	11/16/16	JLI	SW8260C
Bromobenzene	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
Bromochloromethane	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
Bromodichloromethane	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
Bromoform	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
Bromomethane	ND	260	100	ug/Kg	50	11/16/16	JLI	SW8260C
Carbon Disulfide	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
Carbon tetrachloride	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
Chlorobenzene	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
Chloroethane	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
Chloroform	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
Chloromethane	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	26	ug/Kg	50	11/16/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
Dibromochloromethane	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
Dibromomethane	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
Dichlorodifluoromethane	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
Ethylbenzene	3200	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
Hexachlorobutadiene	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
Isopropylbenzene	1600	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
m&p-Xylene	2500	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	260	260	ug/Kg	50	11/16/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	520	52	ug/Kg	50	11/16/16	JLI	SW8260C
Methylene chloride	ND	260	260	ug/Kg	50	11/16/16	JLI	SW8260C
Naphthalene	3000	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
n-Butylbenzene	1700	260	26	ug/Kg	50	11/16/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	6100	3900	1000	ug/Kg	1000	11/16/16	JLI	SW8260C
o-Xylene	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
p-Isopropyltoluene	510	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
sec-Butylbenzene	800	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
Styrene	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
tert-Butylbenzene	51	J 260	26	ug/Kg	50	11/16/16	JLI	SW8260C
Tetrachloroethene	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	520	130	ug/Kg	50	11/16/16	JLI	SW8260C
Toluene	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	190	26	ug/Kg	50	11/16/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	520	130	ug/Kg	50	11/16/16	JLI	SW8260C
Trichloroethene	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
Trichlorofluoromethane	ND	260	52	ug/Kg	50	11/16/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	260	26	ug/Kg	50	11/16/16	JLI	SW8260C
Vinyl chloride	ND	26	26	ug/Kg	50	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	50	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	105			%	50	11/16/16	JLI	70 - 130 %
% Dibromofluoromethane	94			%	50	11/16/16	JLI	70 - 130 %
% Toluene-d8	99			%	50	11/16/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	2100	2100	ug/kg	50	11/16/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	50	11/16/16	JLI	70 - 130 %
% Bromofluorobenzene	105			%	50	11/16/16	JLI	70 - 130 %
% Toluene-d8	99			%	50	11/16/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1000	52	ug/Kg	50	11/16/16	JLI	SW8260C
Acrolein	ND	1000	130	ug/Kg	50	11/16/16	JLI	SW8260C
Acrylonitrile	ND	1000	26	ug/Kg	50	11/16/16	JLI	SW8260C
Tert-butyl alcohol	ND	5200	1000	ug/Kg	50	11/16/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/16/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dimethylphenol	ND	280	100	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/16/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/16/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylnaphthalene	1100	280	120	ug/Kg	1	11/16/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitroaniline	ND	280	280	ug/Kg	1	11/16/16	DD	SW8270D
2-Nitrophenol	ND	280	260	ug/Kg	1	11/16/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/16/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/16/16	DD	SW8270D
3-Nitroaniline	ND	400	810	ug/Kg	1	11/16/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	81	ug/Kg	1	11/16/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Chloroaniline	ND	320	190	ug/Kg	1	11/16/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitroaniline	ND	400	130	ug/Kg	1	11/16/16	DD	SW8270D
4-Nitrophenol	ND	400	180	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
Acetophenone	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/16/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Benz(a)anthracene	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzidine	ND	400	240	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Benzoic acid	ND	2000	810	ug/Kg	1	11/16/16	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/16/16	DD	SW8270D
Chrysene	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Dimethylphthalate	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/16/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobenzene	ND	200	120	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorobutadiene	ND	280	150	ug/Kg	1	11/16/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/16/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/16/16	DD	SW8270D
Naphthalene	1900	280	120	ug/Kg	1	11/16/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	200	140	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	ND	280	120	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	280	99	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	71			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	54			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	40			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	53			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	44			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	64			%	1	11/16/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

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

Volatile Comment:

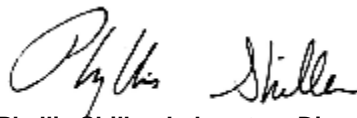
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/14/16
 11/15/16 17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83382

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: TRIP BLANK HL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					11/14/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
1,1-Dichloroethane	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
1,1-Dichloroethene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
1,1-Dichloropropene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dibromoethane	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dichloroethane	ND	25	25	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dichloropropane	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
1,3-Dichloropropane	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
2,2-Dichloropropane	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
2-Chlorotoluene	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
2-Hexanone	ND	1300	250	ug/Kg	50	11/15/16	JLI	SW8260C
2-Isopropyltoluene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
4-Chlorotoluene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	11/15/16	JLI	SW8260C
Acetone	ND	250	250	ug/Kg	50	11/15/16	JLI	SW8260C
Acrylonitrile	ND	500	50	ug/Kg	50	11/15/16	JLI	SW8260C
Benzene	ND	60	25	ug/Kg	50	11/15/16	JLI	SW8260C
Bromobenzene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
Bromochloromethane	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
Bromodichloromethane	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
Bromoform	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
Bromomethane	ND	250	100	ug/Kg	50	11/15/16	JLI	SW8260C
Carbon Disulfide	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
Carbon tetrachloride	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
Chlorobenzene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
Chloroethane	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
Chloroform	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
Chloromethane	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
Dibromochloromethane	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
Dibromomethane	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
Ethylbenzene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
Hexachlorobutadiene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
Isopropylbenzene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
m&p-Xylene	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	250	250	ug/Kg	50	11/15/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	500	50	ug/Kg	50	11/15/16	JLI	SW8260C
Methylene chloride	ND	250	250	ug/Kg	50	11/15/16	JLI	SW8260C
Naphthalene	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
n-Butylbenzene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
n-Propylbenzene	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
o-Xylene	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
p-Isopropyltoluene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
sec-Butylbenzene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
Styrene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
tert-Butylbenzene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
Tetrachloroethene	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	11/15/16	JLI	SW8260C
Toluene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	190	25	ug/Kg	50	11/15/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	11/15/16	JLI	SW8260C
Trichloroethene	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
Trichlorofluoromethane	ND	250	50	ug/Kg	50	11/15/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	11/15/16	JLI	SW8260C
Vinyl chloride	ND	25	25	ug/Kg	50	11/15/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	50	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	50	11/15/16	JLI	70 - 130 %
% Dibromofluoromethane	93			%	50	11/15/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	50	11/15/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	2000	2000	ug/kg	50	11/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	50	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	50	11/15/16	JLI	70 - 130 %
% Toluene-d8	99			%	50	11/15/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1000	50	ug/Kg	50	11/15/16	JLI	SW8260C
Acrolein	ND	1000	130	ug/Kg	50	11/15/16	JLI	SW8260C
Acrylonitrile	ND	1000	25	ug/Kg	50	11/15/16	JLI	SW8260C
Tert-butyl alcohol	ND	5000	1000	ug/Kg	50	11/15/16	JLI	SW8260C

1 = This parameter is not certified by 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 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.

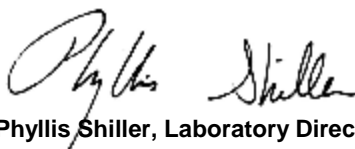
Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 22, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time

11/14/16
 11/15/16 17:12

Laboratory Data

SDG ID: GBV83365
 Phoenix ID: BV83383

Project ID: 1181 FLUSHING AVE BROOKLYN NY
 Client ID: TRIP BLANK LL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					11/14/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
2-Hexanone	ND	25	5.0	ug/Kg	1	11/15/16	JLI	SW8260C
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	11/15/16	JLI	SW8260C
Acetone	6.3	JS 25	5.0	ug/Kg	1	11/15/16	JLI	SW8260C
Acrylonitrile	ND	10	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Benzene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Bromobenzene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Bromoform	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Bromomethane	ND	5.0	2.0	ug/Kg	1	11/15/16	JLI	SW8260C
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Chloroethane	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Chloroform	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Chloromethane	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Dibromomethane	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Ethylbenzene	0.71	J 5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
m&p-Xylene	1.6	J 5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	5.0	ug/Kg	1	11/15/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Methylene chloride	ND	5.0	5.0	ug/Kg	1	11/15/16	JLI	SW8260C
Naphthalene	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
o-Xylene	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Styrene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	11/15/16	JLI	SW8260C
Toluene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	11/15/16	JLI	SW8260C
Trichloroethene	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	11/15/16	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	11/15/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	1	11/15/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	75	40	ug/kg	1	11/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	11/15/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/15/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	11/15/16	JLI	SW8260C
Acrylonitrile	ND	20	0.50	ug/Kg	1	11/15/16	JLI	SW8260C
Tert-butyl alcohol	ND	100	20	ug/Kg	1	11/15/16	JLI	SW8260C

1 = This parameter is not certified by 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 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:

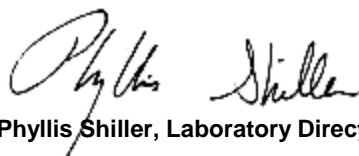
TRIP BLANK INCLUDED.

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.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Ethan Lee, Project Manager

Tuesday, November 22, 2016

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

State: NY

Sample Criteria Exceedances Report

GBV83365 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV83365	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	600	250	500	500	500	ug/Kg
BV83365	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	600	250	500	500	500	ug/Kg
BV83365	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	600	250	500	500	500	ug/Kg
BV83365	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	7.7	2.2	3.3	3.3	3.3	ug/Kg
BV83365	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	80.5	0.36	50	50	50	mg/kg
BV83365	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	1.57	0.03	0.73	0.73	0.73	mg/Kg
BV83365	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.57	0.03	0.81	0.81	0.81	mg/Kg
BV83365	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.57	0.03	0.81	0.81	0.81	mg/Kg
BV83365	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.57	0.03	0.18	0.18	0.18	mg/Kg
BV83365	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	237	7.2	63	63	63	mg/Kg
BV83365	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	165	7.2	109	109	109	mg/Kg
BV83367	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	780	190	190	190	ug/Kg
BV83367	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7800	50	50	50	ug/Kg
BV83367	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7800	50	50	50	ug/Kg
BV83367	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	190000	1000	1000	1000	1000	ug/Kg
BV83367	\$8260MADPR	n-Butylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	70000	16000	12000	12000	12000	ug/Kg
BV83367	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	780	250	250	250	ug/Kg
BV83367	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	140000	3900	3900	3900	3900	ug/Kg
BV83367	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Ground Water Protection	ND	780	370	370	370	ug/Kg
BV83367	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1600	760	760	760	ug/Kg
BV83367	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	780	60	60	60	ug/Kg
BV83367	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	22000	1600	1300	1300	1300	ug/Kg
BV83367	\$8260MADPR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1600	930	930	930	ug/Kg
BV83367	\$8260MADPR	1,1,1-Trichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	780	680	680	680	ug/Kg
BV83367	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1600	270	270	270	ug/Kg
BV83367	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7800	120	120	120	ug/Kg
BV83367	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	780	20	20	20	ug/Kg
BV83367	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	23000	16000	11000	11000	11000	ug/Kg
BV83367	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	780	470	470	470	ug/Kg
BV83367	\$8260MADPR	1,3,5-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	320000	16000	8400	8400	8400	ug/Kg
BV83367	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	780	330	330	330	ug/Kg
BV83367	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Ground Water Protection	20000	16000	700	700	700	ug/Kg
BV83367	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	910000	16000	3600	3600	3600	ug/Kg
BV83367	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	780	20	20	20	ug/Kg
BV83367	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Residential	ND	1600	1400	1400	1400	ug/Kg
BV83367	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Residential	190000	1000	30000	30000	30000	ug/Kg
BV83367	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	780	210	210	210	ug/Kg
BV83367	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Residential	140000	3900	100000	100000	100000	ug/Kg
BV83367	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Residential	22000	1600	5500	5500	5500	ug/Kg
BV83367	\$8260MADPR	1,3,5-Trimethylbenzene	NY / 375-6.8 Volatiles / Residential	320000	16000	47000	47000	47000	ug/Kg
BV83367	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Residential	910000	16000	47000	47000	47000	ug/Kg

Tuesday, November 22, 2016

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

State: NY

Sample Criteria Exceedances Report

GBV83365 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV83367	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Residential Restricted	140000	3900	100000	100000	100000	ug/Kg
BV83367	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Residential Restricted	22000	1600	19000	19000	19000	ug/Kg
BV83367	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Residential Restricted	910000	16000	52000	52000	52000	ug/Kg
BV83367	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Residential Restricted	190000	1000	41000	41000	41000	ug/Kg
BV83367	\$8260MADPR	1,3,5-Trimethylbenzene	NY / 375-6.8 Volatiles / Residential Restricted	320000	16000	52000	52000	52000	ug/Kg
BV83367	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	140000	3900	3900	3900	3900	ug/Kg
BV83367	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7800	120	120	120	ug/Kg
BV83367	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	780	20	20	20	ug/Kg
BV83367	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	270	270	270	ug/Kg
BV83367	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	780	330	330	330	ug/Kg
BV83367	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	780	470	470	470	ug/Kg
BV83367	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	910000	16000	3600	3600	3600	ug/Kg
BV83367	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	20000	16000	700	700	700	ug/Kg
BV83367	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	780	20	20	20	ug/Kg
BV83367	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	22000	1600	1300	1300	1300	ug/Kg
BV83367	\$8260MADPR	1,3,5-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	320000	16000	8400	8400	8400	ug/Kg
BV83367	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	23000	16000	11000	11000	11000	ug/Kg
BV83367	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	190000	1000	1000	1000	1000	ug/Kg
BV83367	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	780	60	60	60	ug/Kg
BV83367	\$8260MADPR	1,1,1-Trichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	780	680	680	680	ug/Kg
BV83367	\$8260MADPR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	930	930	930	ug/Kg
BV83367	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	760	760	760	ug/Kg
BV83367	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	780	370	370	370	ug/Kg
BV83367	\$8260MADPR	n-Butylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	70000	16000	12000	12000	12000	ug/Kg
BV83367	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	780	250	250	250	ug/Kg
BV83367	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7800	50	50	50	ug/Kg
BV83367	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7800	50	50	50	ug/Kg
BV83367	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	780	190	190	190	ug/Kg
BV83367	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	1900	330	330	330	ug/Kg
BV83367	\$8270SMRDP	Naphthalene	NY / 375-6.8 Semivolatiles / Ground Water Protection	17000	2900	12000	12000	12000	ug/Kg
BV83367	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	1500	800	800	800	ug/Kg
BV83367	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	1400	1000	1000	1000	ug/Kg
BV83367	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	1300	330	330	330	ug/Kg
BV83367	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	1400	1000	1000	1000	ug/Kg
BV83367	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	1400	1000	1000	1000	ug/Kg
BV83367	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	1300	1000	1000	1000	ug/Kg
BV83367	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	1400	500	500	500	ug/Kg
BV83367	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	1400	1000	1000	1000	ug/Kg
BV83367	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	1300	330	330	330	ug/Kg
BV83367	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	1400	1000	1000	1000	ug/Kg
BV83367	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	1400	1000	1000	1000	ug/Kg
BV83367	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1400	500	500	500	ug/Kg

Tuesday, November 22, 2016

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

State: NY

Sample Criteria Exceedances Report

GBV83365 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV83367	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1300	330	330	330	ug/Kg
BV83367	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1400	1000	1000	1000	ug/Kg
BV83367	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1300	1000	1000	1000	ug/Kg
BV83367	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1400	1000	1000	1000	ug/Kg
BV83367	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1900	330	330	330	ug/Kg
BV83367	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	330	ug/Kg
BV83367	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1400	1000	1000	1000	ug/Kg
BV83367	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1500	800	800	800	ug/Kg
BV83367	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1400	800	800	800	ug/Kg
BV83367	\$8270SMRDP	Naphthalene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	17000	2900	12000	12000	12000	ug/Kg
BV83367	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1400	500	500	500	ug/Kg
BV83367	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	1000	1000	1000	ug/Kg
BV83367	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	330	ug/Kg
BV83367	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1400	1000	1000	1000	ug/Kg
BV83367	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1400	1000	1000	1000	ug/Kg
BV83367	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	63000	100	100	100	ug/kg
BV83367	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Residential	ND	63000	9800	9800	9800	ug/kg
BV83367	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Residential Restricted	ND	63000	13000	13000	13000	ug/kg
BV83367	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	63000	100	100	100	ug/kg
BV83370	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	100	60	60	60	60	ug/Kg
BV83370	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	100	60	60	60	60	ug/Kg
BV83373	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	65000	3600	3600	3600	3600	ug/Kg
BV83373	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	360	50	50	50	ug/Kg
BV83373	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	36	20	20	20	ug/Kg
BV83373	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	36	20	20	20	ug/Kg
BV83373	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	90	60	60	60	60	ug/Kg
BV83373	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	16000	3900	3900	3900	3900	ug/Kg
BV83373	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	14000	1400	1000	1000	1000	ug/Kg
BV83373	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	360	120	120	120	ug/Kg
BV83373	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	360	50	50	50	ug/Kg
BV83373	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Residential	65000	3600	47000	47000	47000	ug/Kg
BV83373	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Residential Restricted	65000	3600	52000	52000	52000	ug/Kg
BV83373	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	360	50	50	50	ug/Kg
BV83373	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	16000	3900	3900	3900	3900	ug/Kg
BV83373	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	360	50	50	50	ug/Kg
BV83373	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	14000	1400	1000	1000	1000	ug/Kg
BV83373	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	65000	3600	3600	3600	3600	ug/Kg
BV83373	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	90	60	60	60	60	ug/Kg
BV83373	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	36	20	20	20	ug/Kg
BV83373	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	360	120	120	120	ug/Kg

Tuesday, November 22, 2016

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

State: NY

Sample Criteria Exceedances Report

GBV83365 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV83373	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	36	20	20	20	ug/Kg
BV83373	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2800	100	100	100	ug/kg
BV83373	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2800	100	100	100	ug/kg
BV83373	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	33.3	0.40	30			mg/Kg
BV83375	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	41	20	20	20	ug/Kg
BV83375	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	41	20	20	20	ug/Kg
BV83375	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	410	50	50	50	ug/Kg
BV83375	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	410	120	120	120	ug/Kg
BV83375	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	410	50	50	50	ug/Kg
BV83375	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	410	50	50	50	ug/Kg
BV83375	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	410	120	120	120	ug/Kg
BV83375	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	410	50	50	50	ug/Kg
BV83375	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	41	20	20	20	ug/Kg
BV83375	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	41	20	20	20	ug/Kg
BV83375	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	3300	100	100	100	ug/kg
BV83375	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3300	100	100	100	ug/kg
BV83378	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	360	50	50	50	ug/Kg
BV83378	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	36	20	20	20	ug/Kg
BV83378	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	36	20	20	20	ug/Kg
BV83378	\$8260MADPR	1,3,5-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	13000	7200	8400	8400	8400	ug/Kg
BV83378	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Ground Water Protection	1900	720	700	700	700	ug/Kg
BV83378	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	640	360	50	50	50	ug/Kg
BV83378	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	800	720	60	60	60	ug/Kg
BV83378	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	5600	360	3900	3900	3900	ug/Kg
BV83378	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	8300	360	1000	1000	1000	ug/Kg
BV83378	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	44000	3600	3600	3600	3600	ug/Kg
BV83378	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	360	120	120	120	ug/Kg
BV83378	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	36	20	20	20	ug/Kg
BV83378	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1900	720	700	700	700	ug/Kg
BV83378	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	5600	360	3900	3900	3900	ug/Kg
BV83378	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	8300	360	1000	1000	1000	ug/Kg
BV83378	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	800	720	60	60	60	ug/Kg
BV83378	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	640	360	50	50	50	ug/Kg
BV83378	\$8260MADPR	1,3,5-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	13000	7200	8400	8400	8400	ug/Kg
BV83378	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	36	20	20	20	ug/Kg
BV83378	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	44000	3600	3600	3600	3600	ug/Kg
BV83378	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	360	120	120	120	ug/Kg
BV83378	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	360	50	50	50	ug/Kg
BV83378	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1500	260	1000	1000	1000	ug/Kg
BV83378	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1600	260	1000	1000	1000	ug/Kg

Tuesday, November 22, 2016

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

State: NY

Sample Criteria Exceedances Report

GBV83365 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV83378	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1600	260	1000	1000		ug/Kg
BV83378	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	190	1000	1000		ug/Kg
BV83378	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	630	260	500	500		ug/Kg
BV83378	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	260	1000	1000		ug/Kg
BV83378	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1500	260	1000	1000		ug/Kg
BV83378	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	630	260	500	500		ug/Kg
BV83378	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	190	1000	1000		ug/Kg
BV83378	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	260	1000	1000		ug/Kg
BV83378	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	260	1000	1000		ug/Kg
BV83378	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	260	1000	1000		ug/Kg
BV83378	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	900	260	800	800		ug/Kg
BV83378	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	190	1000	1000		ug/Kg
BV83378	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	260	1000	1000		ug/Kg
BV83378	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	260	1000	1000		ug/Kg
BV83378	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	630	260	500	500		ug/Kg
BV83378	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2900	100	100		ug/kg
BV83378	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2900	100	100		ug/kg
BV83378	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	170	3.9	50	50		mg/kg
BV83378	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.65	0.03	0.18	0.18		mg/Kg
BV83378	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	399	7.9	63	63		mg/Kg
BV83378	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	431	7.9	109	109		mg/Kg
BV83379	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	53	22	50	50		ug/Kg
BV83379	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	53	22	50	50		ug/Kg
BV83380	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1100	250	1000	1000		ug/Kg
BV83380	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1100	250	1000	1000		ug/Kg
BV83380	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	610	250	500	500		ug/Kg
BV83380	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	610	250	500	500		ug/Kg
BV83380	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	250	1000	1000		ug/Kg
BV83380	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	610	250	500	500		ug/Kg
BV83380	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	15	3.3	3.3		ug/Kg
BV83380	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	4.0	3.3	3.3		ug/Kg
BV83380	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	73.7	0.38	50	50		mg/kg
BV83380	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	1.04	0.03	0.73	0.73		mg/Kg
BV83380	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.04	0.03	0.81	0.81		mg/Kg
BV83380	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.04	0.03	0.81	0.81		mg/Kg
BV83380	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.04	0.03	0.18	0.18		mg/Kg
BV83380	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	243	7.5	63	63		mg/Kg
BV83380	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	160	7.5	109	109		mg/Kg
BV83381	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	400	260	50	50		ug/Kg
BV83381	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	26	20	20		ug/Kg

Tuesday, November 22, 2016

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

State: NY

Sample Criteria Exceedances Report

GBV83365 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV83381	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	6100	3900	3900	3900	3900	ug/Kg
BV83381	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	260	50	50	50	ug/Kg
BV83381	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	260	120	120	120	ug/Kg
BV83381	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	3200	260	1000	1000	1000	ug/Kg
BV83381	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	26	20	20	20	ug/Kg
BV83381	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	17000	3600	3600	3600	3600	ug/Kg
BV83381	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	26	20	20	20	ug/Kg
BV83381	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	3200	260	1000	1000	1000	ug/Kg
BV83381	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	260	120	120	120	ug/Kg
BV83381	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	17000	3600	3600	3600	3600	ug/Kg
BV83381	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	260	50	50	50	ug/Kg
BV83381	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	6100	3900	3900	3900	3900	ug/Kg
BV83381	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	26	20	20	20	ug/Kg
BV83381	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	400	260	50	50	50	ug/Kg
BV83381	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2100	100	100	100	ug/kg
BV83381	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2100	100	100	100	ug/kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedance 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



NY Temperature Narration

November 22, 2016

SDG I.D.: GBV83365

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)



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

Cooler: Yes No
 Ice: Yes No
 Temp: 4 °C Pg 1 of 2

Contact Options:
 Fax:
 Phone: 631-504-6000
 Email: FIA

Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
 Ridge, NY 11961
 Project: 1181 Flushing Avenue Brooklyn NY
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants
 Project P.O.: This section MUST be completed with Bottle Quantities.

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request	SWVCS 8710 / PCBs	SWVCS 8710 / PCBs	SWVCS 8710 / PCBs	SWVCS 8710 / PCBs	SWVCS 8710 / PCBs	SWVCS 8710 / PCBs	SWVCS 8710 / PCBs	SWVCS 8710 / PCBs	SWVCS 8710 / PCBs	SWVCS 8710 / PCBs	SWVCS 8710 / PCBs	SWVCS 8710 / PCBs	SWVCS 8710 / PCBs
83365	15819 (0-2)	S	11-14-16		X	X	X	X	X	X	X	X	X	X	X	X	X	X
83366	15819 (18-14)	S	11-14-16		X	X	X	X	X	X	X	X	X	X	X	X	X	X
83367	15819 (18-20)	S	11-14-16		X	X	X	X	X	X	X	X	X	X	X	X	X	X
83368	15819 (20-25)	S	11-14-16		X	X	X	X	X	X	X	X	X	X	X	X	X	X
83369	1584 (18-14)	S	11-14-16		X	X	X	X	X	X	X	X	X	X	X	X	X	X
83370	1584 (18-17)	S	11-14-16		X	X	X	X	X	X	X	X	X	X	X	X	X	X
83371	1584 (18-20)	S	11-14-16		X	X	X	X	X	X	X	X	X	X	X	X	X	X
83372	1583 (18-14)	S	11-14-16		X	X	X	X	X	X	X	X	X	X	X	X	X	X
83373	1581 (18-14)	S	11-14-16		X	X	X	X	X	X	X	X	X	X	X	X	X	X
83374	1581 (18-20)	S	11-14-16		X	X	X	X	X	X	X	X	X	X	X	X	X	X
83375	1582 (18-14)	S	11-14-16		X	X	X	X	X	X	X	X	X	X	X	X	X	X

Relinquished by: [Signature]
 Accepted by: [Signature]
 Date: 11-15-16 9:15
 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
 State where samples were collected: NY

Comments, Special Requirements or Regulations:
 Run MS/MSD on 15819 (0-2)

Cooler: Yes No
 Coolant: IPK ICE
 Temp: 4°C Pg 2 of 2

Contact Options:
 Fax: _____
 Phone: 631-504-6000
 Email: FLK

Project P.O.: _____
 This section **MUST** be completed with **Bottle Quantities.**

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

Project: 1181 Fushing Avenue Brooklyn
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants



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

Client Sample - Information - Identification
 Sampler's Signature: Thomas Gallo Date: 11-14-16
 Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WM=Waste Water
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY	SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
	83376	1582 (22.5-25)	S	11-14-16		X
	83377	15810 (10-15)	S			X
	83378	1589 (3-5)	S			X
	*83379	1589 (10-15)	S			X
	83380	Soil Duplicate 3	S			X
	83381	Soil Duplicate 4	S			X
	83382	Tripblank HL				X
	83383	Tripblank LL				X

Relinquished by: Thomas Gallo Accepted by: Clara
 Date: 11-15-16 Time: 9:15
 Date: 11-15-16 Time: 17:12
 Comments, Special Requirements or Regulations:
#labeled 15 B9 (12-14) TP

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

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

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

State where samples were collected: NY



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

Cooler: Yes No
 Coolant: IPK ICE
 Temp 4.0 C Pg 2 of 2

Contact Options:
 Fax:
 Phone: 631-504-6000
 Email: File

Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
 Ridge, NY 11961
 Project P.O.: 1181 Fushing Avenue Brooklyn
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

This section **MUST** be completed with Bottle Quantities.

Client Sample - Information - Identification
 Sampler's Signature: Thomas Gallo Date: 11-14-16

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
83376	1582 (2a.5-25)	S	11-14-16		X
83377	15810 (10-15)	S			X
83378	1589 (3-5)	S			X
83379	1589 (10-15)	S			X
83380	Soil Duplicate 3	S			X
83381	Soil Duplicate 4	S			X
83382	Tripblank HL				X
83383	Tripblank LL				X

Relinquished by: Thomas Gallo Accepted by: Chen
 Date: 11-15-16 Time: 9:15
 Date: 11-15-16 Time: 17:12

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

State where samples were collected: NY

Comments, Special Requirements or Regulations:
Handlabeled 1589 (12-14) (TP)
OKay per Tom (TP)



Tuesday, November 29, 2016

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

Project ID: 1181 FLUSHING AVENUE BROOKLYN
Sample ID#s: BV82267 - BV82268, BV82270 - BV82272, BV82274 - BV82276

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.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
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
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 1181 FLUSHING AVENUE BROOKLYN
Laboratory Project: GBV82267



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
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NY Analytical Services Protocol Format

November 29, 2016

SDG I.D.: GBV82267

Environmental Business Consultants 1181 FLUSHING AVENUE BROOKLYN

Methodology Summary

Accelerated Solvent Extraction (ASE)

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 3545A.

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 7471B.

Metals

ICP :

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010C.

Mercury:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8270D.

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260C and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.



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NY Analytical Services Protocol Format

November 29, 2016

SDG I.D.: GBV82267

Environmental Business Consultants 1181 FLUSHING AVENUE BROOKLYN

Sample Id Cross Reference

Client Id	Lab Id	Matrix
15B6 (5-7)	BV82267	SOLID
15B6 (12-14)	BV82268	SOLID
15B7 (12-14)	BV82270	SOLID
15B7 (18-20)	BV82271	SOLID
15B7 (23-25)	BV82272	SOLID
SOIL DUPLICATE 2	BV82274	SOLID
TRIP BLANK HL	BV82275	SOLID
TRIP BLANK LL	BV82276	SOLID



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NY Analytical Services Protocol Format

November 29, 2016

SDG I.D.: GBV82267

Environmental Business Consultants 1181 FLUSHING AVENUE BROOKLYN

Laboratory Chronicle

The samples in this delivery group were received at 4°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BV82267	1,4-dioxane	11/11/16	11/15/16	11/15/16	JLI	Y
BV82267	Aluminum	11/11/16	11/14/16	11/17/16	LK	Y
BV82267	Antimony	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Arsenic	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Barium	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Beryllium	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Cadmium	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Calcium	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Chromium	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Cobalt	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Copper	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Field Extraction	11/11/16	11/11/16	11/11/16		Y
BV82267	Iron	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Lead	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Magnesium	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Manganese	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Mercury	11/11/16	11/15/16	11/15/16	RS	Y
BV82267	Nickel	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Percent Solid	11/11/16	11/14/16	11/14/16	W	Y
BV82267	Potassium	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Selenium	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Semivolatiles	11/11/16	11/14/16	11/15/16	DD	Y
BV82267	Silver	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Sodium	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Thallium	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Vanadium	11/11/16	11/14/16	11/15/16	LK	Y
BV82267	Volatiles	11/11/16	11/15/16	11/15/16	JLI	Y
BV82267	Volatiles	11/11/16	11/15/16	11/15/16	JLI	Y
BV82267	Zinc	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	1,4-dioxane	11/11/16	11/15/16	11/15/16	JLI	Y
BV82268	Aluminum	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Antimony	11/11/16	11/14/16	11/15/16	LK	Y



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NY Analytical Services Protocol Format

November 29, 2016

SDG I.D.: GBV82267

Environmental Business Consultants 1181 FLUSHING AVENUE BROOKLYN

BV82268	Arsenic	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Barium	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Beryllium	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Cadmium	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Calcium	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Chromium	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Client MS/MSD	11/11/16	11/15/16	11/15/16		Y
BV82268	Cobalt	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Copper	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Field Extraction	11/11/16	11/11/16	11/11/16		Y
BV82268	Iron	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Lead	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Magnesium	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Manganese	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Mercury	11/11/16	11/15/16	11/15/16	RS	Y
BV82268	Nickel	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Percent Solid	11/11/16	11/14/16	11/14/16	W	Y
BV82268	Pesticides - Soil	11/11/16	11/14/16	11/15/16	CE	Y
BV82268	Polychlorinated Biphenyls	11/11/16	11/14/16	11/15/16	AW	Y
BV82268	Potassium	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Selenium	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Semivolatiles	11/11/16	11/14/16	11/14/16	DD	Y
BV82268	Silver	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Sodium	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Thallium	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Vanadium	11/11/16	11/14/16	11/15/16	LK	Y
BV82268	Volatiles	11/11/16	11/15/16	11/15/16	JLI	Y
BV82268	Volatiles	11/11/16	11/15/16	11/15/16	JLI	Y
BV82268	Zinc	11/11/16	11/14/16	11/15/16	LK	Y
BV82269	On Hold	11/11/16				Y
BV82270	1,4-dioxane	11/11/16	11/15/16	11/15/16	JLI	Y
BV82270	Aluminum	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Antimony	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Arsenic	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Barium	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Beryllium	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Cadmium	11/11/16	11/14/16	11/15/16	LK	Y



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NY Analytical Services Protocol Format

November 29, 2016

SDG I.D.: GBV82267

Environmental Business Consultants 1181 FLUSHING AVENUE BROOKLYN

BV82270	Calcium	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Chromium	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Cobalt	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Copper	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Field Extraction	11/11/16	11/11/16	11/11/16		Y
BV82270	Iron	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Lead	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Magnesium	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Manganese	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Mercury	11/11/16	11/15/16	11/15/16	RS	Y
BV82270	Nickel	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Percent Solid	11/11/16	11/14/16	11/14/16	W	Y
BV82270	Pesticides - Soil	11/11/16	11/14/16	11/16/16	CE	Y
BV82270	Polychlorinated Biphenyls	11/11/16	11/14/16	11/15/16	AW	Y
BV82270	Potassium	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Selenium	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Semivolatiles	11/11/16	11/14/16	11/14/16	DD	Y
BV82270	Silver	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Sodium	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Thallium	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Vanadium	11/11/16	11/14/16	11/15/16	LK	Y
BV82270	Volatiles	11/11/16	11/15/16	11/15/16	JLI	Y
BV82270	Volatiles	11/11/16	11/15/16	11/15/16	JLI	Y
BV82270	Zinc	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	1,4-dioxane	11/11/16	11/15/16	11/15/16	JLI	Y
BV82271	Aluminum	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Antimony	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Arsenic	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Barium	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Beryllium	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Cadmium	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Calcium	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Chromium	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Cobalt	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Copper	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Field Extraction	11/11/16	11/11/16	11/11/16		Y
BV82271	Iron	11/11/16	11/14/16	11/15/16	LK	Y



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BV82271	Lead	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Magnesium	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Manganese	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Mercury	11/11/16	11/15/16	11/15/16	RS	Y
BV82271	Nickel	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Percent Solid	11/11/16	11/14/16	11/14/16	W	Y
BV82271	Potassium	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Selenium	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Semivolatiles	11/11/16	11/14/16	11/14/16	DD	Y
BV82271	Silver	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Sodium	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Thallium	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Vanadium	11/11/16	11/14/16	11/15/16	LK	Y
BV82271	Volatiles	11/11/16	11/15/16	11/15/16	JLI	Y
BV82271	Volatiles	11/11/16	11/15/16	11/15/16	JLI	Y
BV82271	Zinc	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	1,4-dioxane	11/11/16	11/15/16	11/15/16	JLI	Y
BV82272	Aluminum	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Antimony	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Arsenic	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Barium	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Beryllium	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Cadmium	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Calcium	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Chromium	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Cobalt	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Copper	11/11/16	11/14/16	11/18/16	LK	Y
BV82272	Field Extraction	11/11/16	11/11/16	11/11/16		Y
BV82272	Iron	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Lead	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Magnesium	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Manganese	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Mercury	11/11/16	11/15/16	11/15/16	RS	Y
BV82272	Nickel	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Percent Solid	11/11/16	11/14/16	11/14/16	W	Y
BV82272	Potassium	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Selenium	11/11/16	11/14/16	11/15/16	LK	Y



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BV82272	Semivolatiles	11/11/16	11/14/16	11/14/16	DD	Y
BV82272	Silver	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Sodium	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Thallium	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Vanadium	11/11/16	11/14/16	11/15/16	LK	Y
BV82272	Volatiles	11/11/16	11/15/16	11/15/16	JLI	Y
BV82272	Volatiles	11/11/16	11/15/16	11/15/16	JLI	Y
BV82272	Zinc	11/11/16	11/14/16	11/15/16	LK	Y
BV82273	On Hold	11/11/16				Y
BV82274	1,4-dioxane	11/11/16	11/15/16	11/15/16	JLI	Y
BV82274	Aluminum	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Antimony	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Arsenic	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Barium	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Beryllium	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Cadmium	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Calcium	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Chromium	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Cobalt	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Copper	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Field Extraction	11/11/16	11/11/16	11/11/16		Y
BV82274	Iron	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Lead	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Magnesium	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Manganese	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Mercury	11/11/16	11/15/16	11/15/16	RS	Y
BV82274	Nickel	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Percent Solid	11/11/16	11/14/16	11/14/16	W	Y
BV82274	Pesticides - Soil	11/11/16	11/14/16	11/16/16	CE	Y
BV82274	Polychlorinated Biphenyls	11/11/16	11/14/16	11/15/16	AW	Y
BV82274	Potassium	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Selenium	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Semivolatiles	11/11/16	11/14/16	11/14/16	DD	Y
BV82274	Silver	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Sodium	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Thallium	11/11/16	11/14/16	11/15/16	LK	Y
BV82274	Vanadium	11/11/16	11/14/16	11/15/16	LK	Y



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BV82274	Volatiles	11/11/16	11/15/16	11/15/16	JLI	Y
BV82274	Volatiles	11/11/16	11/15/16	11/15/16	JLI	Y
BV82274	Zinc	11/11/16	11/14/16	11/15/16	LK	Y
BV82275	1,4-dioxane	11/11/16	11/14/16	11/14/16	JLI	Y
BV82275	Field Extraction	11/11/16	11/11/16	11/11/16		Y
BV82275	Volatiles	11/11/16	11/14/16	11/14/16	JLI	Y
BV82275	Volatiles	11/11/16	11/14/16	11/14/16	JLI	Y
BV82276	1,4-dioxane	11/11/16	11/14/16	11/14/16	JLI	Y
BV82276	Field Extraction	11/11/16	11/11/16	11/11/16		Y
BV82276	Volatiles	11/11/16	11/14/16	11/14/16	JLI	Y
BV82276	Volatiles	11/11/16	11/14/16	11/14/16	JLI	Y



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SDG Comments

November 29, 2016

SDG I.D.: GBV82267

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.
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Analysis Report
 November 29, 2016

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

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/11/16
 11/14/16

Time

14:46

Laboratory Data

SDG ID: GBV82267
 Phoenix ID: BV82267

Project ID: 1181 FLUSHING AVENUE BROOKLYN
 Client ID: 15B6 (5-7)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.31	0.31	mg/Kg	1	11/15/16	LK	SW6010C
Aluminum	4400	31	6.2	mg/Kg	10	11/17/16	LK	SW6010C
Arsenic	1.25	0.62	0.62	mg/Kg	1	11/15/16	LK	SW6010C
Barium	12.5	0.6	0.31	mg/Kg	1	11/15/16	LK	SW6010C
Beryllium	0.20	B 0.25	0.12	mg/Kg	1	11/15/16	LK	SW6010C
Calcium	655	3.1	2.9	mg/Kg	1	11/15/16	LK	SW6010C
Cadmium	ND	0.31	0.31	mg/Kg	1	11/15/16	LK	SW6010C
Cobalt	3.45	0.31	0.31	mg/Kg	1	11/15/16	LK	SW6010C
Chromium	8.72	0.31	0.31	mg/Kg	1	11/15/16	LK	SW6010C
Copper	9.27	0.31	0.31	mg/kg	1	11/15/16	LK	SW6010C
Iron	7640	3.1	3.1	mg/Kg	1	11/15/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/15/16	RS	SW7471B
Potassium	598	N 6	2.4	mg/Kg	1	11/15/16	LK	SW6010C
Magnesium	1710	3.1	3.1	mg/Kg	1	11/15/16	LK	SW6010C
Manganese	73.8	N 0.31	0.31	mg/Kg	1	11/15/16	LK	SW6010C
Sodium	89	N 6	2.7	mg/Kg	1	11/15/16	LK	SW6010C
Nickel	7.91	0.31	0.31	mg/Kg	1	11/15/16	LK	SW6010C
Lead	1.6	0.6	0.31	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	1.6	1.6	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.2	1.1	mg/Kg	1	11/15/16	LK	SW6010C
Thallium	ND	1.2	1.2	mg/Kg	1	11/15/16	LK	SW6010C
Vanadium	12.1	0.31	0.31	mg/Kg	1	11/15/16	LK	SW6010C
Zinc	37.0	0.6	0.31	mg/Kg	1	11/15/16	LK	SW6010C
Percent Solid	97			%		11/14/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/14/16	G/J/CKV	SW3545A
Mercury Digestion	Completed					11/15/16	W/W	SW7471B
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/11/16		SW5035A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
1,1-Dichloroethane	ND	270	62	ug/Kg	50	11/15/16	JLI	SW8260C
1,1-Dichloroethene	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
1,1-Dichloropropene	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
1,2,4-Trimethylbenzene	56000	D 3200	320	ug/Kg	500	11/15/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dibromoethane	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dichloroethane	ND	31	31	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dichloropropane	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
1,3,5-Trimethylbenzene	15000	D 3200	320	ug/Kg	500	11/15/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
1,3-Dichloropropane	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
2,2-Dichloropropane	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
2-Chlorotoluene	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
2-Hexanone	ND	1600	310	ug/Kg	50	11/15/16	JLI	SW8260C
2-Isopropyltoluene	110	J 310	31	ug/Kg	50	11/15/16	JLI	SW8260C
4-Chlorotoluene	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	1600	310	ug/Kg	50	11/15/16	JLI	SW8260C
Acetone	550	S 310	310	ug/Kg	50	11/15/16	JLI	SW8260C
Acrylonitrile	ND	620	62	ug/Kg	50	11/15/16	JLI	SW8260C
Benzene	ND	60	31	ug/Kg	50	11/15/16	JLI	SW8260C
Bromobenzene	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
Bromochloromethane	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
Bromodichloromethane	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
Bromoform	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
Bromomethane	ND	310	120	ug/Kg	50	11/15/16	JLI	SW8260C
Carbon Disulfide	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
Carbon tetrachloride	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
Chlorobenzene	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
Chloroethane	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
Chloroform	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
Chloromethane	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	31	ug/Kg	50	11/15/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
Dibromochloromethane	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
Dibromomethane	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
Dichlorodifluoromethane	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
Ethylbenzene	4700	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
Hexachlorobutadiene	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
Isopropylbenzene	1600	310	31	ug/Kg	50	11/15/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	24000	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	310	310	ug/Kg	50	11/15/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	620	62	ug/Kg	50	11/15/16	JLI	SW8260C
Methylene chloride	ND	310	310	ug/Kg	50	11/15/16	JLI	SW8260C
Naphthalene	11000	D 3200	650	ug/Kg	500	11/15/16	JLI	SW8260C
n-Butylbenzene	3400	D 3200	320	ug/Kg	500	11/15/16	JLI	SW8260C
n-Propylbenzene	4900	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
o-Xylene	9100	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
p-Isopropyltoluene	800	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
sec-Butylbenzene	1000	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
Styrene	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
tert-Butylbenzene	32	J 310	31	ug/Kg	50	11/15/16	JLI	SW8260C
Tetrachloroethene	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	620	160	ug/Kg	50	11/15/16	JLI	SW8260C
Toluene	390	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	190	31	ug/Kg	50	11/15/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	620	160	ug/Kg	50	11/15/16	JLI	SW8260C
Trichloroethene	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
Trichlorofluoromethane	ND	310	62	ug/Kg	50	11/15/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	310	31	ug/Kg	50	11/15/16	JLI	SW8260C
Vinyl chloride	ND	31	31	ug/Kg	50	11/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	50	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	107			%	50	11/15/16	JLI	70 - 130 %
% Dibromofluoromethane	92			%	50	11/15/16	JLI	70 - 130 %
% Toluene-d8	99			%	50	11/15/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	2500	2500	ug/kg	50	11/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	50	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	107			%	50	11/15/16	JLI	70 - 130 %
% Toluene-d8	99			%	50	11/15/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1200	62	ug/Kg	50	11/15/16	JLI	SW8260C
Acrolein	ND	1200	160	ug/Kg	50	11/15/16	JLI	SW8260C
Acrylonitrile	ND	1200	31	ug/Kg	50	11/15/16	JLI	SW8260C
Tert-butyl alcohol	ND	6200	1200	ug/Kg	50	11/15/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	2400	1200	ug/Kg	10	11/15/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	2400	1000	ug/Kg	10	11/15/16	DD	SW8270D
1,2-Dichlorobenzene	ND	2400	970	ug/Kg	10	11/15/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	2400	1100	ug/Kg	10	11/15/16	DD	SW8270D
1,3-Dichlorobenzene	ND	2400	1000	ug/Kg	10	11/15/16	DD	SW8270D
1,4-Dichlorobenzene	ND	2400	1000	ug/Kg	10	11/15/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	2400	1900	ug/Kg	10	11/15/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	1700	1100	ug/Kg	10	11/15/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	1700	1200	ug/Kg	10	11/15/16	DD	SW8270D
2,4-Dimethylphenol	ND	2400	850	ug/Kg	10	11/15/16	DD	SW8270D
2,4-Dinitrophenol	ND	2400	2400	ug/Kg	10	11/15/16	DD	SW8270D
2,4-Dinitrotoluene	ND	1700	1400	ug/Kg	10	11/15/16	DD	SW8270D
2,6-Dinitrotoluene	ND	1700	1100	ug/Kg	10	11/15/16	DD	SW8270D
2-Chloronaphthalene	ND	2400	980	ug/Kg	10	11/15/16	DD	SW8270D
2-Chlorophenol	ND	2400	980	ug/Kg	10	11/15/16	DD	SW8270D
2-Methylnaphthalene	6900	2400	1000	ug/Kg	10	11/15/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1600	1600	ug/Kg	10	11/15/16	DD	SW8270D
2-Nitroaniline	ND	2400	2400	ug/Kg	10	11/15/16	DD	SW8270D
2-Nitrophenol	ND	2400	2200	ug/Kg	10	11/15/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	2400	1400	ug/Kg	10	11/15/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	1700	1600	ug/Kg	10	11/15/16	DD	SW8270D
3-Nitroaniline	ND	3400	6900	ug/Kg	10	11/15/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2100	690	ug/Kg	10	11/15/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	2400	1000	ug/Kg	10	11/15/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	2400	1200	ug/Kg	10	11/15/16	DD	SW8270D
4-Chloroaniline	ND	2700	1600	ug/Kg	10	11/15/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	2400	1200	ug/Kg	10	11/15/16	DD	SW8270D
4-Nitroaniline	ND	3400	1100	ug/Kg	10	11/15/16	DD	SW8270D
4-Nitrophenol	ND	3400	1600	ug/Kg	10	11/15/16	DD	SW8270D
Acenaphthene	ND	2400	1000	ug/Kg	10	11/15/16	DD	SW8270D
Acenaphthylene	ND	2400	960	ug/Kg	10	11/15/16	DD	SW8270D
Acetophenone	ND	2400	1100	ug/Kg	10	11/15/16	DD	SW8270D
Aniline	ND	2700	2700	ug/Kg	10	11/15/16	DD	SW8270D
Anthracene	ND	2400	1100	ug/Kg	10	11/15/16	DD	SW8270D
Benz(a)anthracene	ND	1200	1200	ug/Kg	10	11/15/16	DD	SW8270D
Benzidine	ND	3400	2000	ug/Kg	10	11/15/16	DD	SW8270D
Benzo(a)pyrene	ND	1100	1100	ug/Kg	10	11/15/16	DD	SW8270D
Benzo(b)fluoranthene	ND	1200	1200	ug/Kg	10	11/15/16	DD	SW8270D
Benzo(ghi)perylene	ND	2400	1100	ug/Kg	10	11/15/16	DD	SW8270D
Benzo(k)fluoranthene	ND	1100	1100	ug/Kg	10	11/15/16	DD	SW8270D
Benzoic acid	ND	17000	6900	ug/Kg	10	11/15/16	DD	SW8270D
Benzyl butyl phthalate	ND	2400	890	ug/Kg	10	11/15/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	2400	950	ug/Kg	10	11/15/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1700	930	ug/Kg	10	11/15/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	2400	950	ug/Kg	10	11/15/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	2600	2400	990	ug/Kg	10	11/15/16	DD	SW8270D
Carbazole	ND	1700	1400	ug/Kg	10	11/15/16	DD	SW8270D
Chrysene	ND	1200	1200	ug/Kg	10	11/15/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	1100	1100	ug/Kg	10	11/15/16	DD	SW8270D
Dibenzofuran	ND	2400	1000	ug/Kg	10	11/15/16	DD	SW8270D
Diethyl phthalate	ND	2400	1100	ug/Kg	10	11/15/16	DD	SW8270D
Dimethylphthalate	ND	2400	1100	ug/Kg	10	11/15/16	DD	SW8270D
Di-n-butylphthalate	ND	2400	910	ug/Kg	10	11/15/16	DD	SW8270D
Di-n-octylphthalate	ND	2400	890	ug/Kg	10	11/15/16	DD	SW8270D
Fluoranthene	ND	2400	1100	ug/Kg	10	11/15/16	DD	SW8270D
Fluorene	ND	2400	1100	ug/Kg	10	11/15/16	DD	SW8270D
Hexachlorobenzene	ND	1700	1000	ug/Kg	10	11/15/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	2400	1200	ug/Kg	10	11/15/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	2400	1100	ug/Kg	10	11/15/16	DD	SW8270D
Hexachloroethane	ND	1700	1000	ug/Kg	10	11/15/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	1100	1100	ug/Kg	10	11/15/16	DD	SW8270D
Isophorone	ND	1700	960	ug/Kg	10	11/15/16	DD	SW8270D
Naphthalene	5600	2400	990	ug/Kg	10	11/15/16	DD	SW8270D
Nitrobenzene	ND	1700	1200	ug/Kg	10	11/15/16	DD	SW8270D
N-Nitrosodimethylamine	ND	2400	970	ug/Kg	10	11/15/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	1700	1100	ug/Kg	10	11/15/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	2400	1300	ug/Kg	10	11/15/16	DD	SW8270D
Pentachloronitrobenzene	ND	2400	1300	ug/Kg	10	11/15/16	DD	SW8270D
Pentachlorophenol	ND	1300	1300	ug/Kg	10	11/15/16	DD	SW8270D
Phenanthrene	ND	2400	980	ug/Kg	10	11/15/16	DD	SW8270D
Phenol	ND	1100	1100	ug/Kg	10	11/15/16	DD	SW8270D
Pyrene	ND	2400	1200	ug/Kg	10	11/15/16	DD	SW8270D
Pyridine	ND	2400	840	ug/Kg	10	11/15/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	Diluted Out			%	10	11/15/16	DD	30 - 130 %
% 2-Fluorobiphenyl	Diluted Out			%	10	11/15/16	DD	30 - 130 %
% 2-Fluorophenol	Diluted Out			%	10	11/15/16	DD	30 - 130 %
% Nitrobenzene-d5	Diluted Out			%	10	11/15/16	DD	30 - 130 %
% Phenol-d5	Diluted Out			%	10	11/15/16	DD	30 - 130 %
% Terphenyl-d14	Diluted Out			%	10	11/15/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceded 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:

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

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

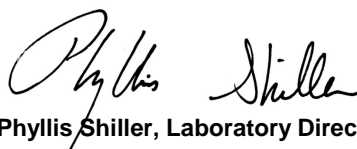
Semi-Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/11/16
 11/14/16

Time

14:46

Laboratory Data

SDG ID: GBV82267
 Phoenix ID: BV82268

Project ID: 1181 FLUSHING AVENUE BROOKLYN
 Client ID: 15B6 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.37	0.37	mg/Kg	1	11/15/16	LK	SW6010C
Aluminum	6630	37	7.4	mg/Kg	10	11/15/16	LK	SW6010C
Arsenic	1.24	0.74	0.74	mg/Kg	1	11/15/16	LK	SW6010C
Barium	37.0	0.7	0.37	mg/Kg	1	11/15/16	LK	SW6010C
Beryllium	0.33	0.30	0.15	mg/Kg	1	11/15/16	LK	SW6010C
Calcium	1030	3.7	3.4	mg/Kg	1	11/15/16	LK	SW6010C
Cadmium	ND	0.37	0.37	mg/Kg	1	11/15/16	LK	SW6010C
Cobalt	7.14	0.37	0.37	mg/Kg	1	11/15/16	LK	SW6010C
Chromium	20.0	0.37	0.37	mg/Kg	1	11/15/16	LK	SW6010C
Copper	10.9	0.37	0.37	mg/kg	1	11/15/16	LK	SW6010C
Iron	13800	37	37	mg/Kg	10	11/15/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/15/16	RS	SW7471B
Potassium	1240	N 7	2.9	mg/Kg	1	11/15/16	LK	SW6010C
Magnesium	2510	3.7	3.7	mg/Kg	1	11/15/16	LK	SW6010C
Manganese	525	N 3.7	3.7	mg/Kg	10	11/15/16	LK	SW6010C
Sodium	146	N 74	32	mg/Kg	10	11/15/16	LK	SW6010C
Nickel	11.9	0.37	0.37	mg/Kg	1	11/15/16	LK	SW6010C
Lead	1.5	0.7	0.37	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	1.9	1.9	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.5	1.3	mg/Kg	1	11/15/16	LK	SW6010C
Thallium	ND	1.5	1.5	mg/Kg	1	11/15/16	LK	SW6010C
Vanadium	27.1	0.37	0.37	mg/Kg	1	11/15/16	LK	SW6010C
Zinc	27.8	0.7	0.37	mg/Kg	1	11/15/16	LK	SW6010C
Percent Solid	84			%		11/14/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/14/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					11/14/16	NC/V	SW3545A
Soil Extraction for SVOA	Completed					11/14/16	G/J/CKV	SW3545A
Mercury Digestion	Completed					11/15/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/11/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	79	79	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1221	ND	79	79	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1232	ND	79	79	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1242	ND	79	79	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1248	ND	79	79	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1254	ND	79	79	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1260	ND	79	79	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1262	ND	79	79	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1268	ND	79	79	ug/Kg	2	11/15/16	AW	SW8082A

QA/QC Surrogates

% DCBP	84			%	2	11/15/16	AW	40 - 140 %
% TCMX	77			%	2	11/15/16	AW	40 - 140 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	11/15/16	CE	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	11/15/16	CE	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	11/15/16	CE	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	11/15/16	CE	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	11/15/16	CE	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	11/15/16	CE	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	11/15/16	CE	SW8081B
Chlordane	ND	39	39	ug/Kg	2	11/15/16	CE	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	11/15/16	CE	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	11/15/16	CE	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	11/15/16	CE	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	11/15/16	CE	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	11/15/16	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	11/15/16	CE	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	11/15/16	CE	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	11/15/16	CE	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	11/15/16	CE	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	11/15/16	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	11/15/16	CE	SW8081B

QA/QC Surrogates

% DCBP	97			%	2	11/15/16	CE	40 - 140 %
% TCMX	69			%	2	11/15/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,4-Trimethylbenzene	75	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
1,3,5-Trimethylbenzene	19	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
2-Chlorotoluene	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
2-Hexanone	ND	23	4.5	ug/Kg	1	11/15/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
4-Chlorotoluene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	23	4.5	ug/Kg	1	11/15/16	JLI	SW8260C
Acetone	28	S 23	4.5	ug/Kg	1	11/15/16	JLI	SW8260C
Acrylonitrile	ND	9.0	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
Benzene	4.6	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Bromobenzene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Bromochloromethane	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Bromodichloromethane	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
Bromoform	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
Bromomethane	ND	4.5	1.8	ug/Kg	1	11/15/16	JLI	SW8260C
Carbon Disulfide	2.2	J 4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
Carbon tetrachloride	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
Chlorobenzene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Chloroethane	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Chloroform	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Chloromethane	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Dibromochloromethane	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
Dibromomethane	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Ethylbenzene	16	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Isopropylbenzene	1.7	J 4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
m&p-Xylene	75	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
Methyl Ethyl Ketone	5.5	J 27	4.5	ug/Kg	1	11/15/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	4.6	J 9.0	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
Methylene chloride	ND	4.5	4.5	ug/Kg	1	11/15/16	JLI	SW8260C
Naphthalene	37	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
n-Butylbenzene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	3.4	J 4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
o-Xylene	26	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
sec-Butylbenzene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Styrene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
tert-Butylbenzene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Tetrachloroethene	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.0	2.3	ug/Kg	1	11/15/16	JLI	SW8260C
Toluene	2.2	J 4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.0	2.3	ug/Kg	1	11/15/16	JLI	SW8260C
Trichloroethene	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.5	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Vinyl chloride	ND	4.5	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/15/16	JLI	70 - 130 %
% Dibromofluoromethane	92			%	1	11/15/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/15/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	68	36	ug/kg	1	11/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/15/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/15/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	18	0.90	ug/Kg	1	11/15/16	JLI	SW8260C
Acrolein	ND	18	2.3	ug/Kg	1	11/15/16	JLI	SW8260C
Acrylonitrile	ND	18	0.45	ug/Kg	1	11/15/16	JLI	SW8260C
Tert-butyl alcohol	ND	90	18	ug/Kg	1	11/15/16	JLI	SW8260C
Client MS/MSD	Completed					11/15/16		
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/14/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/14/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/14/16	DD	SW8270D
2-Nitroaniline	ND	280	280	ug/Kg	1	11/14/16	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/14/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/14/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/14/16	DD	SW8270D
3-Nitroaniline	ND	400	790	ug/Kg	1	11/14/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	79	ug/Kg	1	11/14/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
4-Chloroaniline	ND	320	180	ug/Kg	1	11/14/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
4-Nitroaniline	ND	400	130	ug/Kg	1	11/14/16	DD	SW8270D
4-Nitrophenol	ND	400	180	ug/Kg	1	11/14/16	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/14/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzidine	ND	400	230	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzoic acid	ND	2000	790	ug/Kg	1	11/14/16	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/14/16	DD	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/14/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Hexachlorobenzene	ND	200	120	ug/Kg	1	11/14/16	DD	SW8270D
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/14/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/14/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Naphthalene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Nitrobenzene	ND	200	140	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/14/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/14/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/14/16	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
Pyridine	ND	280	98	ug/Kg	1	11/14/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	79			%	1	11/14/16	DD	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	11/14/16	DD	30 - 130 %
% 2-Fluorophenol	52			%	1	11/14/16	DD	30 - 130 %
% Nitrobenzene-d5	67			%	1	11/14/16	DD	30 - 130 %
% Phenol-d5	63			%	1	11/14/16	DD	30 - 130 %
% Terphenyl-d14	65			%	1	11/14/16	DD	30 - 130 %

1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

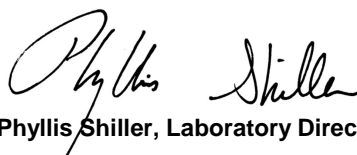
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/11/16
 11/14/16

Time

14:46

Laboratory Data

SDG ID: GBV82267
 Phoenix ID: BV82270

Project ID: 1181 FLUSHING AVENUE BROOKLYN
 Client ID: 15B7 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.39	0.39	mg/Kg	1	11/15/16	LK	SW6010C
Aluminum	7000	39	7.8	mg/Kg	10	11/15/16	LK	SW6010C
Arsenic	1.21	0.78	0.78	mg/Kg	1	11/15/16	LK	SW6010C
Barium	29.2	0.8	0.39	mg/Kg	1	11/15/16	LK	SW6010C
Beryllium	0.31	0.31	0.16	mg/Kg	1	11/15/16	LK	SW6010C
Calcium	911	3.9	3.6	mg/Kg	1	11/15/16	LK	SW6010C
Cadmium	ND	0.39	0.39	mg/Kg	1	11/15/16	LK	SW6010C
Cobalt	6.08	0.39	0.39	mg/Kg	1	11/15/16	LK	SW6010C
Chromium	21.7	0.39	0.39	mg/Kg	1	11/15/16	LK	SW6010C
Copper	10.5	0.39	0.39	mg/kg	1	11/15/16	LK	SW6010C
Iron	13500	39	39	mg/Kg	10	11/15/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/15/16	RS	SW7471B
Potassium	799	N 8	3.1	mg/Kg	1	11/15/16	LK	SW6010C
Magnesium	2300	3.9	3.9	mg/Kg	1	11/15/16	LK	SW6010C
Manganese	301	N 3.9	3.9	mg/Kg	10	11/15/16	LK	SW6010C
Sodium	182	N 8	3.4	mg/Kg	1	11/15/16	LK	SW6010C
Nickel	9.64	0.39	0.39	mg/Kg	1	11/15/16	LK	SW6010C
Lead	1.3	0.8	0.39	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	2.0	2.0	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.6	1.3	mg/Kg	1	11/15/16	LK	SW6010C
Thallium	ND	1.6	1.6	mg/Kg	1	11/15/16	LK	SW6010C
Vanadium	25.1	0.39	0.39	mg/Kg	1	11/15/16	LK	SW6010C
Zinc	24.7	0.8	0.39	mg/Kg	1	11/15/16	LK	SW6010C
Percent Solid	83			%		11/14/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/14/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					11/14/16	NC/V	SW3545A
Soil Extraction for SVOA	Completed					11/14/16	G/J/CKV	SW3545A
Mercury Digestion	Completed					11/15/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/11/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1221	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1232	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1242	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1248	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1254	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1260	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1262	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1268	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A

QA/QC Surrogates

% DCBP	65			%	2	11/15/16	AW	40 - 140 %
% TCMX	58			%	2	11/15/16	AW	40 - 140 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	39	39	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	11/16/16	CE	SW8081B

QA/QC Surrogates

% DCBP	71			%	2	11/16/16	CE	40 - 140 %
% TCMX	48			%	2	11/16/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,4-Trimethylbenzene	2.3	J 4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
1,3,5-Trimethylbenzene	0.81	J 4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
2-Chlorotoluene	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
2-Hexanone	ND	24	4.8	ug/Kg	1	11/15/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
4-Chlorotoluene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	24	4.8	ug/Kg	1	11/15/16	JLI	SW8260C
Acetone	24	S 24	4.8	ug/Kg	1	11/15/16	JLI	SW8260C
Acrylonitrile	ND	9.5	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
Benzene	1.9	J 4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Bromobenzene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Bromochloromethane	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Bromodichloromethane	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
Bromoform	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
Bromomethane	ND	4.8	1.9	ug/Kg	1	11/15/16	JLI	SW8260C
Carbon Disulfide	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
Carbon tetrachloride	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
Chlorobenzene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Chloroethane	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Chloroform	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Chloromethane	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Dibromochloromethane	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
Dibromomethane	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Ethylbenzene	2.8	J 4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Isopropylbenzene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
m&p-Xylene	4.9	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	29	4.8	ug/Kg	1	11/15/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	7.5	J 9.5	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
Methylene chloride	ND	4.8	4.8	ug/Kg	1	11/15/16	JLI	SW8260C
Naphthalene	1.1	J 4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
n-Butylbenzene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
o-Xylene	2.7	J 4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
sec-Butylbenzene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Styrene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
tert-Butylbenzene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Tetrachloroethene	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.5	2.4	ug/Kg	1	11/15/16	JLI	SW8260C
Toluene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.5	2.4	ug/Kg	1	11/15/16	JLI	SW8260C
Trichloroethene	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.8	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Vinyl chloride	ND	4.8	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/15/16	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	11/15/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/15/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	71	38	ug/kg	1	11/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/15/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/15/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	19	0.95	ug/Kg	1	11/15/16	JLI	SW8260C
Acrolein	ND	19	2.4	ug/Kg	1	11/15/16	JLI	SW8260C
Acrylonitrile	ND	19	0.48	ug/Kg	1	11/15/16	JLI	SW8260C
Tert-butyl alcohol	200	95	19	ug/Kg	1	11/15/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/14/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dimethylphenol	ND	280	99	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/14/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/14/16	DD	SW8270D
2-Nitroaniline	ND	280	280	ug/Kg	1	11/14/16	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/14/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/14/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/14/16	DD	SW8270D
3-Nitroaniline	ND	400	800	ug/Kg	1	11/14/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	80	ug/Kg	1	11/14/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
4-Chloroaniline	ND	320	190	ug/Kg	1	11/14/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
4-Nitroaniline	ND	400	130	ug/Kg	1	11/14/16	DD	SW8270D
4-Nitrophenol	ND	400	180	ug/Kg	1	11/14/16	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/14/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzidine	ND	400	240	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzoic acid	ND	2000	800	ug/Kg	1	11/14/16	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/14/16	DD	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/14/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Hexachlorobenzene	ND	200	120	ug/Kg	1	11/14/16	DD	SW8270D
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/14/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/14/16	DD	SW8270D
Naphthalene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	200	140	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/14/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/14/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/14/16	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
Pyridine	ND	280	98	ug/Kg	1	11/14/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	84			%	1	11/14/16	DD	30 - 130 %
% 2-Fluorobiphenyl	73			%	1	11/14/16	DD	30 - 130 %
% 2-Fluorophenol	58			%	1	11/14/16	DD	30 - 130 %
% Nitrobenzene-d5	70			%	1	11/14/16	DD	30 - 130 %
% Phenol-d5	73			%	1	11/14/16	DD	30 - 130 %
% Terphenyl-d14	73			%	1	11/14/16	DD	30 - 130 %

1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

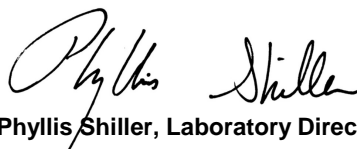
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/11/16
 11/14/16

Time

14:46

Laboratory Data

SDG ID: GBV82267
 Phoenix ID: BV82271

Project ID: 1181 FLUSHING AVENUE BROOKLYN
 Client ID: 15B7 (18-20)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	11/15/16	LK	SW6010C
Aluminum	4270	36	7.3	mg/Kg	10	11/15/16	LK	SW6010C
Arsenic	0.90	0.73	0.73	mg/Kg	1	11/15/16	LK	SW6010C
Barium	22.5	0.7	0.36	mg/Kg	1	11/15/16	LK	SW6010C
Beryllium	0.21	B 0.29	0.15	mg/Kg	1	11/15/16	LK	SW6010C
Calcium	969	3.6	3.3	mg/Kg	1	11/15/16	LK	SW6010C
Cadmium	ND	0.36	0.36	mg/Kg	1	11/15/16	LK	SW6010C
Cobalt	5.53	0.36	0.36	mg/Kg	1	11/15/16	LK	SW6010C
Chromium	11.8	0.36	0.36	mg/Kg	1	11/15/16	LK	SW6010C
Copper	8.59	0.36	0.36	mg/kg	1	11/15/16	LK	SW6010C
Iron	11100	36	36	mg/Kg	10	11/15/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/15/16	RS	SW7471B
Potassium	870	N 7	2.8	mg/Kg	1	11/15/16	LK	SW6010C
Magnesium	2060	3.6	3.6	mg/Kg	1	11/15/16	LK	SW6010C
Manganese	149	N 3.6	3.6	mg/Kg	10	11/15/16	LK	SW6010C
Sodium	162	N 7	3.1	mg/Kg	1	11/15/16	LK	SW6010C
Nickel	9.72	0.36	0.36	mg/Kg	1	11/15/16	LK	SW6010C
Lead	3.5	0.7	0.36	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	1.8	1.8	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.5	1.2	mg/Kg	1	11/15/16	LK	SW6010C
Thallium	ND	1.5	1.5	mg/Kg	1	11/15/16	LK	SW6010C
Vanadium	17.6	0.36	0.36	mg/Kg	1	11/15/16	LK	SW6010C
Zinc	21.3	0.7	0.36	mg/Kg	1	11/15/16	LK	SW6010C
Percent Solid	84			%		11/14/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/14/16	G/J/CKV	SW3545A
Mercury Digestion	Completed					11/15/16	W/W	SW7471B
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/11/16		SW5035A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
1,1-Dichloroethane	ND	270	93	ug/Kg	50	11/15/16	JLI	SW8260C
1,1-Dichloroethene	ND	330	46	ug/Kg	50	11/15/16	JLI	SW8260C
1,1-Dichloropropene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
1,2,4-Trimethylbenzene	1200	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dibromoethane	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dichloroethane	ND	46	46	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dichloropropane	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
1,3-Dichloropropane	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
2,2-Dichloropropane	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
2-Chlorotoluene	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
2-Hexanone	ND	2300	460	ug/Kg	50	11/15/16	JLI	SW8260C
2-Isopropyltoluene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
4-Chlorotoluene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	2300	460	ug/Kg	50	11/15/16	JLI	SW8260C
Acetone	ND	460	460	ug/Kg	50	11/15/16	JLI	SW8260C
Acrylonitrile	ND	930	93	ug/Kg	50	11/15/16	JLI	SW8260C
Benzene	53	J 60	46	ug/Kg	50	11/15/16	JLI	SW8260C
Bromobenzene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
Bromochloromethane	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
Bromodichloromethane	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
Bromoform	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
Bromomethane	ND	460	190	ug/Kg	50	11/15/16	JLI	SW8260C
Carbon Disulfide	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
Carbon tetrachloride	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
Chlorobenzene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
Chloroethane	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
Chloroform	ND	370	46	ug/Kg	50	11/15/16	JLI	SW8260C
Chloromethane	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	46	ug/Kg	50	11/15/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
Dibromochloromethane	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
Dibromomethane	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
Dichlorodifluoromethane	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
Ethylbenzene	520	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
Hexachlorobutadiene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
Isopropylbenzene	160	J 460	46	ug/Kg	50	11/15/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	530	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	460	460	ug/Kg	50	11/15/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	930	93	ug/Kg	50	11/15/16	JLI	SW8260C
Methylene chloride	ND	460	460	ug/Kg	50	11/15/16	JLI	SW8260C
Naphthalene	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
n-Butylbenzene	6300	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
n-Propylbenzene	910	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
o-Xylene	380	J 460	93	ug/Kg	50	11/15/16	JLI	SW8260C
p-Isopropyltoluene	2100	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
sec-Butylbenzene	4200	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
Styrene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
tert-Butylbenzene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
Tetrachloroethene	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	930	230	ug/Kg	50	11/15/16	JLI	SW8260C
Toluene	610	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	190	46	ug/Kg	50	11/15/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	930	230	ug/Kg	50	11/15/16	JLI	SW8260C
Trichloroethene	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
Trichlorofluoromethane	ND	460	93	ug/Kg	50	11/15/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	460	46	ug/Kg	50	11/15/16	JLI	SW8260C
Vinyl chloride	ND	46	46	ug/Kg	50	11/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	50	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	127			%	50	11/15/16	JLI	70 - 130 %
% Dibromofluoromethane	95			%	50	11/15/16	JLI	70 - 130 %
% Toluene-d8	102			%	50	11/15/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	3700	3700	ug/kg	50	11/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	50	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	127			%	50	11/15/16	JLI	70 - 130 %
% Toluene-d8	102			%	50	11/15/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1900	93	ug/Kg	50	11/15/16	JLI	SW8260C
Acrolein	ND	1900	230	ug/Kg	50	11/15/16	JLI	SW8260C
Acrylonitrile	ND	1900	46	ug/Kg	50	11/15/16	JLI	SW8260C
Tert-butyl alcohol	ND	9300	1900	ug/Kg	50	11/15/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/14/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/14/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	120	ug/Kg	1	11/14/16	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	180	ug/Kg	1	11/14/16	DD	SW8270D
2-Nitroaniline	ND	280	280	ug/Kg	1	11/14/16	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/14/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/14/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/14/16	DD	SW8270D
3-Nitroaniline	ND	390	790	ug/Kg	1	11/14/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	79	ug/Kg	1	11/14/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	11/14/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
4-Nitroaniline	ND	390	130	ug/Kg	1	11/14/16	DD	SW8270D
4-Nitrophenol	ND	390	180	ug/Kg	1	11/14/16	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Aniline	ND	310	310	ug/Kg	1	11/14/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzidine	ND	390	230	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzoic acid	ND	2000	790	ug/Kg	1	11/14/16	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/14/16	DD	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
Dibenzofuran	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Diethyl phthalate	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Di-n-butylphthalate	ND	280	100	ug/Kg	1	11/14/16	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/14/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Hexachlorobenzene	ND	200	110	ug/Kg	1	11/14/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/14/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/14/16	DD	SW8270D
Naphthalene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Nitrobenzene	ND	200	140	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/14/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/14/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/14/16	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
Pyridine	ND	280	97	ug/Kg	1	11/14/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	66			%	1	11/14/16	DD	30 - 130 %
% 2-Fluorobiphenyl	51			%	1	11/14/16	DD	30 - 130 %
% 2-Fluorophenol	48			%	1	11/14/16	DD	30 - 130 %
% Nitrobenzene-d5	49			%	1	11/14/16	DD	30 - 130 %
% Phenol-d5	54			%	1	11/14/16	DD	30 - 130 %
% Terphenyl-d14	58			%	1	11/14/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceded 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:

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

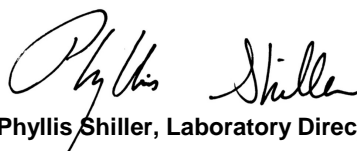
Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/11/16
 11/14/16

Time

14:46

Laboratory Data

SDG ID: GBV82267
 Phoenix ID: BV82272

Project ID: 1181 FLUSHING AVENUE BROOKLYN
 Client ID: 15B7 (23-25)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.41	0.41	mg/Kg	1	11/15/16	LK	SW6010C
Aluminum	4250	41	8.3	mg/Kg	10	11/15/16	LK	SW6010C
Arsenic	0.97	0.83	0.83	mg/Kg	1	11/15/16	LK	SW6010C
Barium	21.3	0.8	0.41	mg/Kg	1	11/15/16	LK	SW6010C
Beryllium	0.20	B 0.33	0.17	mg/Kg	1	11/15/16	LK	SW6010C
Calcium	1390	4.1	3.8	mg/Kg	1	11/15/16	LK	SW6010C
Cadmium	ND	0.41	0.41	mg/Kg	1	11/15/16	LK	SW6010C
Cobalt	4.33	0.41	0.41	mg/Kg	1	11/15/16	LK	SW6010C
Chromium	9.84	0.41	0.41	mg/Kg	1	11/15/16	LK	SW6010C
Copper	6.65	0.41	0.41	mg/kg	1	11/18/16	LK	SW6010C
Iron	14400	41	41	mg/Kg	10	11/15/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/15/16	RS	SW7471B
Potassium	842	N 8	3.2	mg/Kg	1	11/15/16	LK	SW6010C
Magnesium	1850	4.1	4.1	mg/Kg	1	11/15/16	LK	SW6010C
Manganese	678	N 4.1	4.1	mg/Kg	10	11/15/16	LK	SW6010C
Sodium	160	N 8	3.5	mg/Kg	1	11/15/16	LK	SW6010C
Nickel	8.72	0.41	0.41	mg/Kg	1	11/15/16	LK	SW6010C
Lead	1.2	0.8	0.41	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	2.1	2.1	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.7	1.4	mg/Kg	1	11/15/16	LK	SW6010C
Thallium	ND	1.7	1.7	mg/Kg	1	11/15/16	LK	SW6010C
Vanadium	13.7	0.41	0.41	mg/Kg	1	11/15/16	LK	SW6010C
Zinc	19.3	0.8	0.41	mg/Kg	1	11/15/16	LK	SW6010C
Percent Solid	83			%		11/14/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/14/16	G/J/CKV	SW3545A
Mercury Digestion	Completed					11/15/16	W/W	SW7471B
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/11/16		SW5035A

B*

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,4-Trimethylbenzene	280	250	44	ug/Kg	50	11/15/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
1,3,5-Trimethylbenzene	80	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
2-Chlorotoluene	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
2-Hexanone	ND	22	4.4	ug/Kg	1	11/15/16	JLI	SW8260C
2-Isopropyltoluene	0.56	J 4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
4-Chlorotoluene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
4-Methyl-2-pentanone	21	J 22	4.4	ug/Kg	1	11/15/16	JLI	SW8260C
Acetone	500	S 440	440	ug/Kg	50	11/15/16	JLI	SW8260C
Acrylonitrile	ND	8.8	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
Benzene	7.4	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Bromobenzene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Bromochloromethane	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Bromodichloromethane	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
Bromoform	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
Bromomethane	ND	4.4	1.8	ug/Kg	1	11/15/16	JLI	SW8260C
Carbon Disulfide	4.3	J 4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
Carbon tetrachloride	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
Chlorobenzene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Chloroethane	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Chloroform	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Chloromethane	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
cis-1,2-Dichloroethene	1.5	J 4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Dibromochloromethane	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
Dibromomethane	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Ethylbenzene	34	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Isopropylbenzene	5.9	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	99	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
Methyl Ethyl Ketone	160	26	4.4	ug/Kg	1	11/15/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	4.7	J 8.8	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
Methylene chloride	ND	4.4	4.4	ug/Kg	1	11/15/16	JLI	SW8260C
Naphthalene	57	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
n-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
n-Propylbenzene	14	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
o-Xylene	24	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
p-Isopropyltoluene	1.0	J 4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
sec-Butylbenzene	3.3	J 4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Styrene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
tert-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Tetrachloroethene	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.8	2.2	ug/Kg	1	11/15/16	JLI	SW8260C
Toluene	14	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.8	2.2	ug/Kg	1	11/15/16	JLI	SW8260C
Trichloroethene	0.79	J 4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.4	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Vinyl chloride	ND	4.4	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/15/16	JLI	70 - 130 %
% Dibromofluoromethane	94			%	1	11/15/16	JLI	70 - 130 %
% Toluene-d8	102			%	1	11/15/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	66	35	ug/kg	1	11/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/15/16	JLI	70 - 130 %
% Toluene-d8	102			%	1	11/15/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	18	0.88	ug/Kg	1	11/15/16	JLI	SW8260C
Acrolein	ND	18	2.2	ug/Kg	1	11/15/16	JLI	SW8260C
Acrylonitrile	ND	18	0.44	ug/Kg	1	11/15/16	JLI	SW8260C
Tert-butyl alcohol	20	J 88	18	ug/Kg	1	11/15/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/14/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dimethylphenol	ND	280	99	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/14/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/14/16	DD	SW8270D
2-Nitroaniline	ND	280	280	ug/Kg	1	11/14/16	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/14/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/14/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/14/16	DD	SW8270D
3-Nitroaniline	ND	400	800	ug/Kg	1	11/14/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	80	ug/Kg	1	11/14/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
4-Chloroaniline	ND	320	190	ug/Kg	1	11/14/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
4-Nitroaniline	ND	400	130	ug/Kg	1	11/14/16	DD	SW8270D
4-Nitrophenol	ND	400	180	ug/Kg	1	11/14/16	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/14/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzidine	ND	400	230	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzoic acid	3300	2000	800	ug/Kg	1	11/14/16	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/14/16	DD	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/14/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Hexachlorobenzene	ND	200	120	ug/Kg	1	11/14/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/14/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/14/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/14/16	DD	SW8270D
Naphthalene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Nitrobenzene	ND	200	140	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/14/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/14/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/14/16	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/14/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/14/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/14/16	DD	SW8270D
Pyridine	ND	280	98	ug/Kg	1	11/14/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	69			%	1	11/14/16	DD	30 - 130 %
% 2-Fluorobiphenyl	61			%	1	11/14/16	DD	30 - 130 %
% 2-Fluorophenol	51			%	1	11/14/16	DD	30 - 130 %
% Nitrobenzene-d5	71			%	1	11/14/16	DD	30 - 130 %
% Phenol-d5	68			%	1	11/14/16	DD	30 - 130 %
% Terphenyl-d14	64			%	1	11/14/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B* = Present in blank, a bias is possible.
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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceded 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.

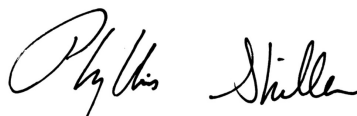
Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/11/16
 11/14/16

Time

14:46

Laboratory Data

SDG ID: GBV82267
 Phoenix ID: BV82274

Project ID: 1181 FLUSHING AVENUE BROOKLYN
 Client ID: SOIL DUPLICATE 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.35	0.35	mg/Kg	1	11/15/16	LK	SW6010C
Aluminum	5940	35	7.1	mg/Kg	10	11/15/16	LK	SW6010C
Arsenic	1.17	0.71	0.71	mg/Kg	1	11/15/16	LK	SW6010C
Barium	24.3	0.7	0.35	mg/Kg	1	11/15/16	LK	SW6010C
Beryllium	0.25	B 0.28	0.14	mg/Kg	1	11/15/16	LK	SW6010C
Calcium	814	3.5	3.3	mg/Kg	1	11/15/16	LK	SW6010C
Cadmium	ND	0.35	0.35	mg/Kg	1	11/15/16	LK	SW6010C
Cobalt	5.43	0.35	0.35	mg/Kg	1	11/15/16	LK	SW6010C
Chromium	18.0	0.35	0.35	mg/Kg	1	11/15/16	LK	SW6010C
Copper	8.44	0.35	0.35	mg/kg	1	11/15/16	LK	SW6010C
Iron	11400	35	35	mg/Kg	10	11/15/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/15/16	RS	SW7471B
Potassium	649	N 7	2.8	mg/Kg	1	11/15/16	LK	SW6010C
Magnesium	2000	3.5	3.5	mg/Kg	1	11/15/16	LK	SW6010C
Manganese	247	N 3.5	3.5	mg/Kg	10	11/15/16	LK	SW6010C
Sodium	161	N 7	3.0	mg/Kg	1	11/15/16	LK	SW6010C
Nickel	8.54	0.35	0.35	mg/Kg	1	11/15/16	LK	SW6010C
Lead	1.3	0.7	0.35	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	1.8	1.8	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.4	1.2	mg/Kg	1	11/15/16	LK	SW6010C
Thallium	ND	1.4	1.4	mg/Kg	1	11/15/16	LK	SW6010C
Vanadium	18.6	0.35	0.35	mg/Kg	1	11/15/16	LK	SW6010C
Zinc	20.6	0.7	0.35	mg/Kg	1	11/15/16	LK	SW6010C
Percent Solid	84			%		11/14/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/14/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					11/14/16	NC/V	SW3545A
Soil Extraction for SVOA	Completed					11/14/16	G/J/CKV	SW3545A
Mercury Digestion	Completed					11/15/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/11/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1221	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1232	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1242	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1248	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1254	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1260	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1262	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A
PCB-1268	ND	78	78	ug/Kg	2	11/15/16	AW	SW8082A

QA/QC Surrogates

% DCBP	75			%	2	11/15/16	AW	40 - 140 %
% TCMX	68			%	2	11/15/16	AW	40 - 140 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	39	39	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	11/16/16	CE	SW8081B

QA/QC Surrogates

% DCBP	84			%	2	11/16/16	CE	40 - 140 %
% TCMX	66			%	2	11/16/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
1,1-Dichloropropene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,2,4-Trimethylbenzene	1.0	J 5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dibromoethane	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichloroethane	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
1,2-Dichloropropane	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
1,3-Dichloropropane	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
2,2-Dichloropropane	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
2-Chlorotoluene	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
2-Hexanone	ND	26	5.2	ug/Kg	1	11/15/16	JLI	SW8260C
2-Isopropyltoluene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
4-Chlorotoluene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	26	5.2	ug/Kg	1	11/15/16	JLI	SW8260C
Acetone	26	JS 26	5.2	ug/Kg	1	11/15/16	JLI	SW8260C
Acrylonitrile	ND	10	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Benzene	0.86	J 5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Bromobenzene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Bromochloromethane	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Bromodichloromethane	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Bromoform	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Bromomethane	ND	5.2	2.1	ug/Kg	1	11/15/16	JLI	SW8260C
Carbon Disulfide	1.2	J 5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Carbon tetrachloride	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Chlorobenzene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Chloroethane	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Chloroform	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Chloromethane	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Dibromochloromethane	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Dibromomethane	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Dichlorodifluoromethane	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Ethylbenzene	1.3	J 5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Hexachlorobutadiene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Isopropylbenzene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
m&p-Xylene	2.1	J 5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	31	5.2	ug/Kg	1	11/15/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	5.1	J 10	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Methylene chloride	ND	5.2	5.2	ug/Kg	1	11/15/16	JLI	SW8260C
Naphthalene	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
n-Butylbenzene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
o-Xylene	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
p-Isopropyltoluene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
sec-Butylbenzene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Styrene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
tert-Butylbenzene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Tetrachloroethene	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.6	ug/Kg	1	11/15/16	JLI	SW8260C
Toluene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.6	ug/Kg	1	11/15/16	JLI	SW8260C
Trichloroethene	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Trichlorofluoromethane	ND	5.2	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Vinyl chloride	ND	5.2	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/15/16	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	11/15/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/15/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	79	42	ug/kg	1	11/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/15/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/15/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/15/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	21	1.0	ug/Kg	1	11/15/16	JLI	SW8260C
Acrolein	ND	21	2.6	ug/Kg	1	11/15/16	JLI	SW8260C
Acrylonitrile	ND	21	0.52	ug/Kg	1	11/15/16	JLI	SW8260C
Tert-butyl alcohol	300	100	21	ug/Kg	1	11/15/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	11/14/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/14/16	DD	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/14/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	11/14/16	DD	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	11/14/16	DD	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	11/14/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	11/14/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dichlorophenol	ND	190	140	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dimethylphenol	ND	270	96	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	11/14/16	DD	SW8270D
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	11/14/16	DD	SW8270D
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	11/14/16	DD	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/14/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	270	110	ug/Kg	1	11/14/16	DD	SW8270D
2-Methylnaphthalene	ND	270	120	ug/Kg	1	11/14/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	11/14/16	DD	SW8270D
2-Nitroaniline	ND	270	270	ug/Kg	1	11/14/16	DD	SW8270D
2-Nitrophenol	ND	270	240	ug/Kg	1	11/14/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	11/14/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	11/14/16	DD	SW8270D
3-Nitroaniline	ND	390	770	ug/Kg	1	11/14/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	230	77	ug/Kg	1	11/14/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	11/14/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	11/14/16	DD	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	11/14/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/14/16	DD	SW8270D
4-Nitroaniline	ND	390	130	ug/Kg	1	11/14/16	DD	SW8270D
4-Nitrophenol	ND	390	170	ug/Kg	1	11/14/16	DD	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	11/14/16	DD	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	11/14/16	DD	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	11/14/16	DD	SW8270D
Aniline	ND	310	310	ug/Kg	1	11/14/16	DD	SW8270D
Anthracene	ND	270	130	ug/Kg	1	11/14/16	DD	SW8270D
Benz(a)anthracene	ND	270	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzidine	ND	390	230	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(a)pyrene	ND	190	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	11/14/16	DD	SW8270D
Benzoic acid	ND	1900	770	ug/Kg	1	11/14/16	DD	SW8270D
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	11/14/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	11/14/16	DD	SW8270D
Carbazole	ND	190	150	ug/Kg	1	11/14/16	DD	SW8270D
Chrysene	ND	270	130	ug/Kg	1	11/14/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	190	130	ug/Kg	1	11/14/16	DD	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	11/14/16	DD	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	11/14/16	DD	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	11/14/16	DD	SW8270D
Di-n-butylphthalate	ND	270	100	ug/Kg	1	11/14/16	DD	SW8270D
Di-n-octylphthalate	ND	270	100	ug/Kg	1	11/14/16	DD	SW8270D
Fluoranthene	ND	270	130	ug/Kg	1	11/14/16	DD	SW8270D
Fluorene	ND	270	130	ug/Kg	1	11/14/16	DD	SW8270D
Hexachlorobenzene	ND	190	110	ug/Kg	1	11/14/16	DD	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/14/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/14/16	DD	SW8270D
Hexachloroethane	ND	190	120	ug/Kg	1	11/14/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	11/14/16	DD	SW8270D
Isophorone	ND	190	110	ug/Kg	1	11/14/16	DD	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	11/14/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	190	140	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	190	130	ug/Kg	1	11/14/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	11/14/16	DD	SW8270D
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	11/14/16	DD	SW8270D
Pentachlorophenol	ND	230	150	ug/Kg	1	11/14/16	DD	SW8270D
Phenanthrene	ND	270	110	ug/Kg	1	11/14/16	DD	SW8270D
Phenol	ND	270	120	ug/Kg	1	11/14/16	DD	SW8270D
Pyrene	ND	270	130	ug/Kg	1	11/14/16	DD	SW8270D
Pyridine	ND	270	95	ug/Kg	1	11/14/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	70			%	1	11/14/16	DD	30 - 130 %
% 2-Fluorobiphenyl	58			%	1	11/14/16	DD	30 - 130 %
% 2-Fluorophenol	48			%	1	11/14/16	DD	30 - 130 %
% Nitrobenzene-d5	60			%	1	11/14/16	DD	30 - 130 %
% Phenol-d5	60			%	1	11/14/16	DD	30 - 130 %
% Terphenyl-d14	67			%	1	11/14/16	DD	30 - 130 %

1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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:

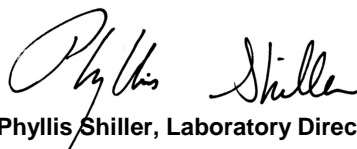
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/11/16
 11/14/16

Time

14:46

Laboratory Data

SDG ID: GBV82267
 Phoenix ID: BV82275

Project ID: 1181 FLUSHING AVENUE BROOKLYN
 Client ID: TRIP BLANK HL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					11/11/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
1,1-Dichloroethane	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
1,1-Dichloroethene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
1,1-Dichloropropene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
1,2-Dibromoethane	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
1,2-Dichloroethane	ND	25	25	ug/Kg	50	11/14/16	JLI	SW8260C
1,2-Dichloropropane	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
1,3-Dichloropropane	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
2,2-Dichloropropane	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
2-Chlorotoluene	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
2-Hexanone	ND	1300	250	ug/Kg	50	11/14/16	JLI	SW8260C
2-Isopropyltoluene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
4-Chlorotoluene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	11/14/16	JLI	SW8260C
Acetone	ND	250	250	ug/Kg	50	11/14/16	JLI	SW8260C
Acrylonitrile	ND	500	50	ug/Kg	50	11/14/16	JLI	SW8260C
Benzene	ND	60	25	ug/Kg	50	11/14/16	JLI	SW8260C
Bromobenzene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
Bromochloromethane	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
Bromodichloromethane	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
Bromoform	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
Bromomethane	ND	250	100	ug/Kg	50	11/14/16	JLI	SW8260C
Carbon Disulfide	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
Carbon tetrachloride	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
Chlorobenzene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
Chloroethane	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
Chloroform	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
Chloromethane	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
Dibromochloromethane	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
Dibromomethane	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
Ethylbenzene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
Hexachlorobutadiene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
Isopropylbenzene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
m&p-Xylene	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	250	250	ug/Kg	50	11/14/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	500	50	ug/Kg	50	11/14/16	JLI	SW8260C
Methylene chloride	ND	250	250	ug/Kg	50	11/14/16	JLI	SW8260C
Naphthalene	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
n-Butylbenzene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
n-Propylbenzene	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
o-Xylene	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
p-Isopropyltoluene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
sec-Butylbenzene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
Styrene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
tert-Butylbenzene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
Tetrachloroethene	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	11/14/16	JLI	SW8260C
Toluene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	190	25	ug/Kg	50	11/14/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	11/14/16	JLI	SW8260C
Trichloroethene	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
Trichlorofluoromethane	ND	250	50	ug/Kg	50	11/14/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	11/14/16	JLI	SW8260C
Vinyl chloride	ND	25	25	ug/Kg	50	11/14/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	50	11/14/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	50	11/14/16	JLI	70 - 130 %
% Dibromofluoromethane	93			%	50	11/14/16	JLI	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	50	11/14/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	2000	2000	ug/kg	50	11/14/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	50	11/14/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	50	11/14/16	JLI	70 - 130 %
% Toluene-d8	100			%	50	11/14/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1000	50	ug/Kg	50	11/14/16	JLI	SW8260C
Acrolein	ND	1000	130	ug/Kg	50	11/14/16	JLI	SW8260C
Acrylonitrile	ND	1000	25	ug/Kg	50	11/14/16	JLI	SW8260C
Tert-butyl alcohol	ND	5000	1000	ug/Kg	50	11/14/16	JLI	SW8260C

1 = This parameter is not certified by 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 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.

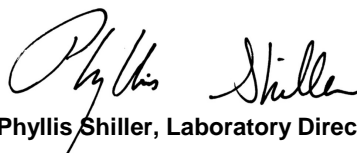
Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/11/16
 11/14/16

Time

14:46

Laboratory Data

SDG ID: GBV82267
 Phoenix ID: BV82276

Project ID: 1181 FLUSHING AVENUE BROOKLYN
 Client ID: TRIP BLANK LL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					11/11/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
2-Hexanone	ND	25	5.0	ug/Kg	1	11/14/16	JLI	SW8260C
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	11/14/16	JLI	SW8260C
Acetone	ND	25	5.0	ug/Kg	1	11/14/16	JLI	SW8260C
Acrylonitrile	ND	10	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
Benzene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Bromobenzene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
Bromoform	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
Bromomethane	ND	5.0	2.0	ug/Kg	1	11/14/16	JLI	SW8260C
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Chloroethane	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Chloroform	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Chloromethane	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
Dibromomethane	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	5.0	ug/Kg	1	11/14/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
Methylene chloride	ND	5.0	5.0	ug/Kg	1	11/14/16	JLI	SW8260C
Naphthalene	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
o-Xylene	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Styrene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	11/14/16	JLI	SW8260C
Toluene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	11/14/16	JLI	SW8260C
Trichloroethene	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	11/14/16	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	11/14/16	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	11/14/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	11/14/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	75	40	ug/kg	1	11/14/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/14/16	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	11/14/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/14/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	11/14/16	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	11/14/16	JLI	SW8260C
Acrylonitrile	ND	20	0.50	ug/Kg	1	11/14/16	JLI	SW8260C
Tert-butyl alcohol	ND	100	20	ug/Kg	1	11/14/16	JLI	SW8260C

1 = This parameter is not certified by 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 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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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



QA/QC Report

November 29, 2016

QA/QC Data

SDG I.D.: GBV82267

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 366701 (mg/kg), QC Sample No: BV82268 (BV82267, BV82268, BV82270, BV82271, BV82272, BV82274)													
<u>ICP Metals - Soil</u>													
Aluminum	BRL	4.9	6630	6520	1.70	103			NC			80 - 120	30
Antimony	BRL	3.3	<1.9	<1.9	NC	95.5			85.6			70 - 130	30
Arsenic	BRL	0.66	1.24	1.30	NC	98.7			89.8			80 - 120	30
Barium	BRL	0.33	37.0	35.5	4.10	96.3			97.4			80 - 120	30
Beryllium	BRL	0.26	0.33	0.32	NC	98.8			94.1			80 - 120	30
Cadmium	BRL	0.33	<0.37	<0.38	NC	96.5			92.7			80 - 120	30
Calcium	BRL	4.9	1030	1010	2.00	97.9			NC			80 - 120	30
Chromium	BRL	0.33	20.0	19.1	4.60	104			95.3			80 - 120	30
Cobalt	BRL	0.33	7.14	6.89	3.60	99.3			94.8			80 - 120	30
Copper	0.76	0.33	10.9	10.3	5.70	91.5			100			80 - 120	30
Iron	BRL	4.9	13800	13600	1.50	105			NC			80 - 120	30
Lead	BRL	0.33	1.5	1.15	NC	99.1			93.2			80 - 120	30
Magnesium	BRL	4.9	2510	2380	5.30	106			NC			80 - 120	30
Manganese	BRL	0.33	525	483	8.30	93.3			26.3			80 - 120	30 m
Nickel	BRL	0.33	11.9	11.3	5.20	102			94.3			80 - 120	30
Potassium	BRL	4.9	1240	1190	4.10	108			>130			80 - 120	30 m
Selenium	BRL	1.3	<1.5	<1.5	NC	84.0			79.8			80 - 120	30
Silver	BRL	0.33	<0.37	<0.38	NC	99.7			92.5			70 - 130	30
Sodium	BRL	4.9	146	151	NC	108			>130			80 - 120	30 m
Thallium	BRL	3.0	<1.5	<1.7	NC	103			94.6			80 - 120	30
Vanadium	BRL	0.33	27.1	25.6	5.70	112			94.4			80 - 120	30
Zinc	0.34	0.33	27.8	26.2	5.90	97.7			92.0			80 - 120	30
QA/QC Batch 366756 (mg/kg), QC Sample No: BV82268 (BV82267, BV82268, BV82270, BV82271, BV82272, BV82274)													
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	98.3	98.3	0.0	94.5			75 - 125	30

m = This parameter is outside laboratory MS/MSD specified recovery limits.



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 Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

November 29, 2016

QA/QC Data

SDG I.D.: GBV82267

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 366705 (ug/Kg), QC Sample No: BV82268 2X (BV82268, BV82270, BV82274)										
<u>Pesticides - Solid</u>										
4,4' -DDD	ND	1.7	82	100	19.8	72	67	7.2	40 - 140	30
4,4' -DDE	ND	1.7	77	93	18.8	69	65	6.0	40 - 140	30
4,4' -DDT	ND	1.7	80	96	18.2	69	65	6.0	40 - 140	30
a-BHC	ND	1.0	71	87	20.3	67	68	1.5	40 - 140	30
a-Chlordane	ND	3.3	71	86	19.1	61	59	3.3	40 - 140	30
Aldrin	ND	1.0	74	91	20.6	146	143	2.1	40 - 140	30
b-BHC	ND	1.0	70	86	20.5	117	108	8.0	40 - 140	30
Chlordane	ND	33	74	89	18.4	63	61	3.2	40 - 140	30
d-BHC	ND	3.3	79	95	18.4	146	117	22.1	40 - 140	30
Dieldrin	ND	1.0	75	91	19.3	67	65	3.0	40 - 140	30
Endosulfan I	ND	3.3	81	98	19.0	70	68	2.9	40 - 140	30
Endosulfan II	ND	3.3	86	102	17.0	71	68	4.3	40 - 140	30
Endosulfan sulfate	ND	3.3	82	96	15.7	64	61	4.8	40 - 140	30
Endrin	ND	3.3	76	89	15.8	65	62	4.7	40 - 140	30
Endrin aldehyde	ND	3.3	61	71	15.2	52	52	0.0	40 - 140	30
Endrin ketone	ND	3.3	88	107	19.5	70	68	2.9	40 - 140	30
g-BHC	ND	1.0	72	89	21.1	76	74	2.7	40 - 140	30
g-Chlordane	ND	3.3	74	89	18.4	63	61	3.2	40 - 140	30
Heptachlor	ND	3.3	72	88	20.0	62	61	1.6	40 - 140	30
Heptachlor epoxide	ND	3.3	76	94	21.2	65	64	1.6	40 - 140	30
Methoxychlor	ND	3.3	78	92	16.5	66	60	9.5	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	87	%	91	110	18.9	73	69	5.6	40 - 140	30
% TCMX	76	%	75	90	18.2	63	61	3.2	40 - 140	30

Comment:

Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported as chlordane in the LCS, LCSD, MS and MSD.

QA/QC Batch 366726 (ug/Kg), QC Sample No: BV82268 2X (BV82268, BV82270, BV82274)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	33	68	66	3.0	54	55	1.8	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	70	72	2.8	60	54	10.5	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	88	%	83	83	0.0	71	67	5.8	40 - 140	30
% TCMX (Surrogate Rec)	84	%	77	72	6.7	64	63	1.6	40 - 140	30

QA/QC Data

SDG I.D.: GBV82267

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
	Blank	RL									
QA/QC Batch 366971 (ug/kg), QC Sample No: BV82268 (BV82267 (500X) , BV82268, BV82270, BV82272, BV82274)											
Volatiles - Solid											
1,1,1,2-Tetrachloroethane	ND	5.0	94	104	10.1	112	112	0.0	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	87	95	8.8	101	101	0.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	87	95	8.8	107	106	0.9	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	81	91	11.6	98	100	2.0	70 - 130	30	
1,1-Dichloroethane	ND	5.0	90	99	9.5	110	110	0.0	70 - 130	30	
1,1-Dichloroethene	ND	5.0	91	102	11.4	107	108	0.9	70 - 130	30	
1,1-Dichloropropene	ND	5.0	87	97	10.9	102	103	1.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	66	79	17.9	102	98	4.0	70 - 130	30	I
1,2,3-Trichloropropane	ND	5.0	83	98	16.6	101	100	1.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	74	86	15.0	103	97	6.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	87	97	10.9	>200	109	NC	70 - 130	30	m
1,2-Dibromo-3-chloropropane	ND	5.0	86	93	7.8	105	103	1.9	70 - 130	30	
1,2-Dibromoethane	ND	5.0	88	96	8.7	105	106	0.9	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	84	92	9.1	100	102	2.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	86	95	9.9	103	104	1.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	85	95	11.1	101	102	1.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	89	100	11.6	146	107	30.8	70 - 130	30	m,r
1,3-Dichlorobenzene	ND	5.0	85	94	10.1	102	102	0.0	70 - 130	30	
1,3-Dichloropropane	ND	5.0	87	95	8.8	104	105	1.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	86	93	7.8	101	101	0.0	70 - 130	30	
1,4-dioxane	ND	100	85	89	4.6	126	139	9.8	70 - 130	30	m
2,2-Dichloropropane	ND	5.0	93	101	8.2	103	102	1.0	70 - 130	30	
2-Chlorotoluene	ND	5.0	89	97	8.6	107	107	0.0	70 - 130	30	
2-Hexanone	ND	25	71	77	8.1	86	86	0.0	70 - 130	30	
2-Isopropyltoluene	ND	5.0	86	97	12.0	106	106	0.0	70 - 130	30	
4-Chlorotoluene	ND	5.0	86	92	6.7	101	101	0.0	70 - 130	30	
4-Methyl-2-pentanone	ND	25	71	79	10.7	90	87	3.4	70 - 130	30	
Acetone	ND	10	61	68	10.9	120	70	52.6	70 - 130	30	I,r
Acrolein	ND	25	98	104	5.9	71	84	16.8	70 - 130	30	
Acrylonitrile	ND	5.0	81	89	9.4	95	93	2.1	70 - 130	30	
Benzene	ND	1.0	85	96	12.2	95	101	6.1	70 - 130	30	
Bromobenzene	ND	5.0	86	94	8.9	103	105	1.9	70 - 130	30	
Bromochloromethane	ND	5.0	85	93	9.0	100	101	1.0	70 - 130	30	
Bromodichloromethane	ND	5.0	88	99	11.8	103	107	3.8	70 - 130	30	
Bromoform	ND	5.0	92	103	11.3	106	109	2.8	70 - 130	30	
Bromomethane	ND	5.0	81	100	21.0	108	109	0.9	70 - 130	30	
Carbon Disulfide	ND	5.0	103	113	9.3	119	119	0.0	70 - 130	30	
Carbon tetrachloride	ND	5.0	95	104	9.0	100	101	1.0	70 - 130	30	
Chlorobenzene	ND	5.0	87	97	10.9	105	106	0.9	70 - 130	30	
Chloroethane	ND	5.0	87	99	12.9	110	109	0.9	70 - 130	30	
Chloroform	ND	5.0	86	94	8.9	102	103	1.0	70 - 130	30	
Chloromethane	ND	5.0	87	89	2.3	88	88	0.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	86	95	9.9	102	103	1.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	87	97	10.9	98	102	4.0	70 - 130	30	
Dibromochloromethane	ND	3.0	97	108	10.7	113	116	2.6	70 - 130	30	
Dibromomethane	ND	5.0	83	92	10.3	99	100	1.0	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	99	96	3.1	107	106	0.9	70 - 130	30	
Ethylbenzene	ND	1.0	89	100	11.6	101	106	4.8	70 - 130	30	
Hexachlorobutadiene	ND	5.0	74	89	18.4	87	94	7.7	70 - 130	30	
Isopropylbenzene	ND	1.0	91	100	9.4	108	107	0.9	70 - 130	30	

QA/QC Data

SDG I.D.: GBV82267

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
	Blank	RL									
m&p-Xylene	ND	2.0	92	98	6.3	124	103	18.5	70 - 130	30	
Methyl ethyl ketone	ND	5.0	66	71	7.3	93	70	28.2	70 - 130	30	I
Methyl t-butyl ether (MTBE)	ND	1.0	91	100	9.4	103	110	6.6	70 - 130	30	
Methylene chloride	ND	5.0	89	97	8.6	104	105	1.0	70 - 130	30	
Naphthalene	ND	5.0	74	85	13.8	>200	133	NC	70 - 130	30	m
n-Butylbenzene	ND	1.0	90	100	10.5	112	110	1.8	70 - 130	30	
n-Propylbenzene	ND	1.0	88	97	9.7	101	102	1.0	70 - 130	30	
o-Xylene	ND	2.0	87	98	11.9	105	105	0.0	70 - 130	30	
p-Isopropyltoluene	ND	1.0	90	99	9.5	109	108	0.9	70 - 130	30	
sec-Butylbenzene	ND	1.0	94	104	10.1	112	113	0.9	70 - 130	30	
Styrene	ND	5.0	90	100	10.5	104	106	1.9	70 - 130	30	
tert-butyl alcohol	ND	100	85	90	5.7	125	132	5.4	70 - 130	30	m
tert-Butylbenzene	ND	1.0	90	98	8.5	103	106	2.9	70 - 130	30	
Tetrachloroethene	ND	5.0	85	97	13.2	101	102	1.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	75	83	10.1	89	86	3.4	70 - 130	30	
Toluene	ND	1.0	85	96	12.2	100	102	2.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	96	104	8.0	110	111	0.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	86	96	11.0	100	102	2.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	93	96	3.2	92	94	2.2	70 - 130	30	
Trichloroethene	ND	5.0	88	98	10.8	104	103	1.0	70 - 130	30	
Trichlorofluoromethane	ND	5.0	87	92	5.6	100	100	0.0	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	94	93	1.1	109	109	0.0	70 - 130	30	
Vinyl chloride	ND	5.0	90	97	7.5	100	101	1.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	99	99	0.0	99	100	1.0	70 - 130	30	
% Bromofluorobenzene	99	%	101	100	1.0	100	100	0.0	70 - 130	30	
% Dibromofluoromethane	96	%	100	99	1.0	98	96	2.1	70 - 130	30	
% Toluene-d8	101	%	99	100	1.0	99	100	1.0	70 - 130	30	

QA/QC Batch 366709 (ug/kg), QC Sample No: BV82268 (BV82267, BV82268, BV82270, BV82271, BV82272, BV82274)

Semivolatiles - Solid

1,2,4,5-Tetrachlorobenzene	ND	230	67	66	1.5	74	69	7.0	30 - 130	30	
1,2,4-Trichlorobenzene	ND	230	60	66	9.5	69	67	2.9	30 - 130	30	
1,2-Dichlorobenzene	ND	180	52	57	9.2	61	57	6.8	30 - 130	30	
1,2-Diphenylhydrazine	ND	230	68	69	1.5	71	69	2.9	30 - 130	30	
1,3-Dichlorobenzene	ND	230	43	49	13.0	50	48	4.1	30 - 130	30	
1,4-Dichlorobenzene	ND	230	48	56	15.4	56	53	5.5	30 - 130	30	
2,4,5-Trichlorophenol	ND	230	75	71	5.5	77	75	2.6	30 - 130	30	
2,4,6-Trichlorophenol	ND	130	72	73	1.4	77	75	2.6	30 - 130	30	
2,4-Dichlorophenol	ND	130	72	73	1.4	80	74	7.8	30 - 130	30	
2,4-Dimethylphenol	ND	230	67	68	1.5	83	77	7.5	30 - 130	30	
2,4-Dinitrophenol	ND	230	16	<10	NC	72	70	2.8	30 - 130	30	I
2,4-Dinitrotoluene	ND	130	80	75	6.5	77	75	2.6	30 - 130	30	
2,6-Dinitrotoluene	ND	130	71	72	1.4	77	75	2.6	30 - 130	30	
2-Chloronaphthalene	ND	230	66	66	0.0	71	68	4.3	30 - 130	30	
2-Chlorophenol	ND	230	57	62	8.4	67	61	9.4	30 - 130	30	
2-Methylnaphthalene	ND	230	65	64	1.6	103	95	8.1	30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	65	69	6.0	73	70	4.2	30 - 130	30	
2-Nitroaniline	ND	330	64	62	3.2	63	65	3.1	30 - 130	30	
2-Nitrophenol	ND	230	70	68	2.9	80	74	7.8	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	64	66	3.1	70	65	7.4	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	54	56	3.6	56	52	7.4	30 - 130	30	
3-Nitroaniline	ND	330	62	63	1.6	63	63	0.0	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	44	25	55.1	82	78	5.0	30 - 130	30	I,r

QA/QC Data

SDG I.D.: GBV82267

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
4-Bromophenyl phenyl ether	ND	230	73	70	4.2	75	71	5.5	30 - 130	30
4-Chloro-3-methylphenol	ND	230	78	76	2.6	84	80	4.9	30 - 130	30
4-Chloroaniline	ND	230	76	78	2.6	73	73	0.0	30 - 130	30
4-Chlorophenyl phenyl ether	ND	230	68	68	0.0	72	68	5.7	30 - 130	30
4-Nitroaniline	ND	230	76	73	4.0	78	76	2.6	30 - 130	30
4-Nitrophenol	ND	230	77	73	5.3	73	73	0.0	30 - 130	30
Acenaphthene	ND	230	67	68	1.5	72	68	5.7	30 - 130	30
Acenaphthylene	ND	130	70	69	1.4	75	71	5.5	30 - 130	30
Acetophenone	ND	230	56	60	6.9	61	60	1.7	30 - 130	30
Aniline	ND	330	55	60	8.7	56	54	3.6	30 - 130	30
Anthracene	ND	230	67	70	4.4	71	69	2.9	30 - 130	30
Benz(a)anthracene	ND	230	70	67	4.4	68	68	0.0	30 - 130	30
Benzidine	ND	330	17	19	11.1	<10	<10	NC	30 - 130	30
Benzo(a)pyrene	ND	130	72	71	1.4	71	69	2.9	30 - 130	30
Benzo(b)fluoranthene	ND	160	75	76	1.3	76	74	2.7	30 - 130	30
Benzo(ghi)perylene	ND	230	76	73	4.0	75	74	1.3	30 - 130	30
Benzo(k)fluoranthene	ND	230	70	69	1.4	69	69	0.0	30 - 130	30
Benzoic Acid	ND	330	<10	<10	NC	71	74	4.1	30 - 130	30
Benzyl butyl phthalate	ND	230	74	73	1.4	75	73	2.7	30 - 130	30
Bis(2-chloroethoxy)methane	ND	230	70	71	1.4	78	75	3.9	30 - 130	30
Bis(2-chloroethyl)ether	ND	130	53	53	0.0	67	67	0.0	30 - 130	30
Bis(2-chloroisopropyl)ether	ND	230	53	57	7.3	62	56	10.2	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	230	78	76	2.6	78	78	0.0	30 - 130	30
Carbazole	ND	230	70	71	1.4	68	68	0.0	30 - 130	30
Chrysene	ND	230	74	73	1.4	72	73	1.4	30 - 130	30
Dibenz(a,h)anthracene	ND	130	76	75	1.3	75	74	1.3	30 - 130	30
Dibenzofuran	ND	230	66	66	0.0	69	66	4.4	30 - 130	30
Diethyl phthalate	ND	230	70	72	2.8	72	72	0.0	30 - 130	30
Dimethylphthalate	ND	230	68	69	1.5	72	71	1.4	30 - 130	30
Di-n-butylphthalate	ND	230	79	81	2.5	75	72	4.1	30 - 130	30
Di-n-octylphthalate	ND	230	75	74	1.3	77	76	1.3	30 - 130	30
Fluoranthene	ND	230	71	72	1.4	61	59	3.3	30 - 130	30
Fluorene	ND	230	70	69	1.4	72	69	4.3	30 - 130	30
Hexachlorobenzene	ND	130	72	73	1.4	69	74	7.0	30 - 130	30
Hexachlorobutadiene	ND	230	59	65	9.7	71	67	5.8	30 - 130	30
Hexachlorocyclopentadiene	ND	230	72	71	1.4	69	64	7.5	30 - 130	30
Hexachloroethane	ND	130	52	57	9.2	65	57	13.1	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	74	71	4.1	77	73	5.3	30 - 130	30
Isophorone	ND	130	62	64	3.2	69	65	6.0	30 - 130	30
Naphthalene	ND	230	61	66	7.9	73	67	8.6	30 - 130	30
Nitrobenzene	ND	130	57	65	13.1	65	63	3.1	30 - 130	30
N-Nitrosodimethylamine	ND	230	50	52	3.9	56	56	0.0	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	63	71	11.9	76	66	14.1	30 - 130	30
N-Nitrosodiphenylamine	ND	130	74	77	4.0	76	75	1.3	30 - 130	30
Pentachloronitrobenzene	ND	230	68	73	7.1	75	74	1.3	30 - 130	30
Pentachlorophenol	ND	230	72	64	11.8	90	88	2.2	30 - 130	30
Phenanthrene	ND	130	68	69	1.5	71	67	5.8	30 - 130	30
Phenol	ND	230	61	63	3.2	64	59	8.1	30 - 130	30
Pyrene	ND	230	74	74	0.0	72	70	2.8	30 - 130	30
Pyridine	ND	230	35	37	5.6	41	43	4.8	30 - 130	30
% 2,4,6-Tribromophenol	78	%	77	76	1.3	85	80	6.1	30 - 130	30
% 2-Fluorobiphenyl	63	%	62	61	1.6	64	63	1.6	30 - 130	30
% 2-Fluorophenol	49	%	54	56	3.6	60	54	10.5	30 - 130	30

QA/QC Data

SDG I.D.: GBV82267

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
% Nitrobenzene-d5	63	%	59	64	8.1	69	63	9.1	30 - 130	30
% Phenol-d5	60	%	65	67	3.0	72	66	8.7	30 - 130	30
% Terphenyl-d14	70	%	74	72	2.7	72	69	4.3	30 - 130	30

QA/QC Batch 366767 (ug/kg), QC Sample No: BV82544 (BV82267 (50X) , BV82271 (50X) , BV82272 (50X) , BV82275 (50X) , BV82276)

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	5.0	101	102	1.0	109	112	2.7	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	93	89	4.4	101	101	0.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	93	96	3.2	104	101	2.9	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	90	91	1.1	100	99	1.0	70 - 130	30	
1,1-Dichloroethane	ND	5.0	98	88	10.8	100	107	6.8	70 - 130	30	
1,1-Dichloroethene	ND	5.0	96	93	3.2	70	75	6.9	70 - 130	30	
1,1-Dichloropropene	ND	5.0	94	91	3.2	103	102	1.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	92	93	1.1	92	93	1.1	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	90	94	4.3	101	98	3.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	94	95	1.1	92	97	5.3	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	98	95	3.1	105	107	1.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	91	94	3.2	97	92	5.3	70 - 130	30	
1,2-Dibromoethane	ND	5.0	94	98	4.2	108	105	2.8	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	93	93	0.0	102	103	1.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	92	95	3.2	106	104	1.9	70 - 130	30	
1,2-Dichloropropane	ND	5.0	92	92	0.0	102	102	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	99	97	2.0	107	108	0.9	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	94	94	0.0	103	104	1.0	70 - 130	30	
1,3-Dichloropropane	ND	5.0	93	96	3.2	107	104	2.8	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	93	93	0.0	102	103	1.0	70 - 130	30	
1,4-dioxane	ND	100	91	91	0.0	109	104	4.7	70 - 130	30	
2,2-Dichloropropane	ND	5.0	99	95	4.1	106	106	0.0	70 - 130	30	
2-Chlorotoluene	ND	5.0	98	96	2.1	105	107	1.9	70 - 130	30	
2-Hexanone	ND	25	74	79	6.5	85	82	3.6	70 - 130	30	
2-Isopropyltoluene	ND	5.0	97	94	3.1	105	107	1.9	70 - 130	30	
4-Chlorotoluene	ND	5.0	93	93	0.0	100	102	2.0	70 - 130	30	
4-Methyl-2-pentanone	ND	25	76	79	3.9	88	84	4.7	70 - 130	30	
Acetone	ND	10	65	66	1.5	45	49	8.5	70 - 130	30	l,m
Acrolein	ND	25	95	99	4.1	71	83	15.6	70 - 130	30	
Acrylonitrile	ND	5.0	86	86	0.0	103	99	4.0	70 - 130	30	
Benzene	ND	1.0	93	92	1.1	103	103	0.0	70 - 130	30	
Bromobenzene	ND	5.0	94	95	1.1	104	104	0.0	70 - 130	30	
Bromochloromethane	ND	5.0	91	91	0.0	103	101	2.0	70 - 130	30	
Bromodichloromethane	ND	5.0	96	97	1.0	104	104	0.0	70 - 130	30	
Bromoform	ND	5.0	100	104	3.9	104	105	1.0	70 - 130	30	
Bromomethane	ND	5.0	92	88	4.4	72	81	11.8	70 - 130	30	
Carbon Disulfide	ND	5.0	103	100	3.0	70	79	12.1	70 - 130	30	
Carbon tetrachloride	ND	5.0	100	96	4.1	100	105	4.9	70 - 130	30	
Chlorobenzene	ND	5.0	96	95	1.0	105	106	0.9	70 - 130	30	
Chloroethane	ND	5.0	90	87	3.4	45	45	0.0	70 - 130	30	m
Chloroform	ND	5.0	93	91	2.2	103	102	1.0	70 - 130	30	
Chloromethane	ND	5.0	85	83	2.4	100	98	2.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	93	92	1.1	104	103	1.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	94	95	1.1	104	104	0.0	70 - 130	30	
Dibromochloromethane	ND	3.0	104	106	1.9	114	113	0.9	70 - 130	30	
Dibromomethane	ND	5.0	90	92	2.2	102	100	2.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBV82267

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
Dichlorodifluoromethane	ND	5.0	102	95	7.1	120	122	1.7	70 - 130	30
Ethylbenzene	ND	1.0	98	97	1.0	107	109	1.9	70 - 130	30
Hexachlorobutadiene	ND	5.0	100	93	7.3	103	107	3.8	70 - 130	30
Isopropylbenzene	ND	1.0	98	95	3.1	106	107	0.9	70 - 130	30
m&p-Xylene	ND	2.0	97	95	2.1	106	107	0.9	70 - 130	30
Methyl ethyl ketone	ND	5.0	67	71	5.8	82	78	5.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	95	98	3.1	107	108	0.9	70 - 130	30
Methylene chloride	ND	5.0	92	92	0.0	92	100	8.3	70 - 130	30
Naphthalene	ND	5.0	93	97	4.2	94	96	2.1	70 - 130	30
n-Butylbenzene	ND	1.0	102	98	4.0	107	110	2.8	70 - 130	30
n-Propylbenzene	ND	1.0	96	92	4.3	102	104	1.9	70 - 130	30
o-Xylene	ND	2.0	97	96	1.0	106	108	1.9	70 - 130	30
p-Isopropyltoluene	ND	1.0	100	97	3.0	106	110	3.7	70 - 130	30
sec-Butylbenzene	ND	1.0	104	100	3.9	112	115	2.6	70 - 130	30
Styrene	ND	5.0	99	100	1.0	109	111	1.8	70 - 130	30
tert-butyl alcohol	ND	100	87	89	2.3	106	104	1.9	70 - 130	30
tert-Butylbenzene	ND	1.0	99	95	4.1	106	108	1.9	70 - 130	30
Tetrachloroethene	ND	5.0	94	93	1.1	101	103	2.0	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	79	82	3.7	101	92	9.3	70 - 130	30
Toluene	ND	1.0	94	93	1.1	102	103	1.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	99	97	2.0	101	107	5.8	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	94	96	2.1	103	103	0.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	95	99	4.1	105	102	2.9	70 - 130	30
Trichloroethene	ND	5.0	96	95	1.0	104	104	0.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	89	86	3.4	33	30	9.5	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	100	97	3.0	75	82	8.9	70 - 130	30
Vinyl chloride	ND	5.0	92	88	4.4	106	106	0.0	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	101	100	1.0	99	99	0.0	70 - 130	30
% Bromofluorobenzene	98	%	101	102	1.0	100	102	2.0	70 - 130	30
% Dibromofluoromethane	96	%	101	99	2.0	98	97	1.0	70 - 130	30
% Toluene-d8	100	%	100	100	0.0	99	100	1.0	70 - 130	30


l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 November 29, 2016

Tuesday, November 29, 2016

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

State: NY

Sample Criteria Exceedances Report

GBV82267 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV82267	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	31	20	20	20	ug/Kg
BV82267	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	31	20	20	20	ug/Kg
BV82267	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	550	310	50	50	50	ug/Kg
BV82267	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	550	310	50	50	50	ug/Kg
BV82267	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	310	50	50	50	ug/Kg
BV82267	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	50	50	50	ug/Kg
BV82267	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	310	120	120	120	ug/Kg
BV82267	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	120	120	120	ug/Kg
BV82267	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	31	20	20	20	ug/Kg
BV82267	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	31	20	20	20	ug/Kg
BV82267	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	4700	310	1000	1000	1000	ug/Kg
BV82267	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	4700	310	1000	1000	1000	ug/Kg
BV82267	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	4900	310	3900	3900	3900	ug/Kg
BV82267	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	4900	310	3900	3900	3900	ug/Kg
BV82267	\$8260MADPR	1,3,5-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	15000	3200	8400	8400	8400	ug/Kg
BV82267	\$8260MADPR	1,3,5-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	15000	3200	8400	8400	8400	ug/Kg
BV82267	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	56000	3200	3600	3600	3600	ug/Kg
BV82267	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Residential	56000	3200	47000	47000	47000	ug/Kg
BV82267	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Residential Restricted	56000	3200	52000	52000	52000	ug/Kg
BV82267	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	56000	3200	3600	3600	3600	ug/Kg
BV82267	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	1200	1000	1000	1000	ug/Kg
BV82267	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	1200	1000	1000	1000	ug/Kg
BV82267	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	1300	800	800	800	ug/Kg
BV82267	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	1600	330	330	330	ug/Kg
BV82267	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	1100	330	330	330	ug/Kg
BV82267	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	1200	1000	1000	1000	ug/Kg
BV82267	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	1100	1000	1000	1000	ug/Kg
BV82267	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	1100	1000	1000	1000	ug/Kg
BV82267	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	1200	1000	1000	1000	ug/Kg
BV82267	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	1100	330	330	330	ug/Kg
BV82267	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	1100	500	500	500	ug/Kg
BV82267	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	1200	1000	1000	1000	ug/Kg
BV82267	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1100	330	330	330	ug/Kg
BV82267	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1200	1000	1000	1000	ug/Kg
BV82267	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1200	1000	1000	1000	ug/Kg
BV82267	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1100	500	500	500	ug/Kg
BV82267	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1100	1000	1000	1000	ug/Kg
BV82267	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1600	330	330	330	ug/Kg
BV82267	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1200	1000	1000	1000	ug/Kg
BV82267	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1100	800	800	800	ug/Kg
BV82267	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1200	1000	1000	1000	ug/Kg
BV82267	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1100	330	330	330	ug/Kg

Tuesday, November 29, 2016

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

State: NY

Sample Criteria Exceedances Report

GBV82267 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV82267	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1100	500	500	500	ug/Kg
BV82267	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	800	800	800	ug/Kg
BV82267	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1100	330	330	330	ug/Kg
BV82267	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1200	1000	1000	1000	ug/Kg
BV82267	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1100	1000	1000	1000	ug/Kg
BV82267	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2500	100	100	100	ug/kg
BV82267	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2500	100	100	100	ug/kg
BV82271	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	460	50	50	50	ug/Kg
BV82271	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	46	20	20	20	ug/Kg
BV82271	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	460	50	50	50	ug/Kg
BV82271	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	460	120	120	120	ug/Kg
BV82271	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	46	20	20	20	ug/Kg
BV82271	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	46	20	20	20	ug/Kg
BV82271	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	460	120	120	120	ug/Kg
BV82271	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	460	50	50	50	ug/Kg
BV82271	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	46	20	20	20	ug/Kg
BV82271	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	460	50	50	50	ug/Kg
BV82271	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	3700	100	100	100	ug/kg
BV82271	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3700	100	100	100	ug/kg
BV82272	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	500	440	50	50	50	ug/Kg
BV82272	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	160	26	120	120	120	ug/Kg
BV82272	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	160	26	120	120	120	ug/Kg
BV82272	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	500	440	50	50	50	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedance 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



NY Temperature Narration

November 29, 2016

SDG I.D.: GBV82267

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

Coolant: IPK ICE No No
 Cooler: Yes No No
 Temp °C Pg of

Contact Options:
 Fax: 631-504-6000
 Phone: 631-504-6000
 Email: File

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

Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
 Ridge, NY 11961
 Project: 181 Flushing Avenue Brooklyn
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

This section **MUST** be completed with **Bottle Quantities.**

Sampler's Signature: Thomas Gallo Date: 11-11-16
 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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
822267	15B6 (5-7)	S	11-11-16		✓
822268	15B6 (12-14)	S	11-11-16		✓
822269	15B6 (15-17)	S	11-11-16		✓
822270	15B7 (12-14)	S	11-11-16		✓
822271	15B7 (18-20)	S	11-11-16		✓
822272	15B7 (23-25)	S	11-11-16		✓
822273	15B7 (25-27.5)	S	11-11-16		✓
822274	Soil Duplicate 2	S	11-11-16		✓
822275	Tripblank HL				✓
822276	Tripblank LL				✓

Relinquished by: Thomas Gallo Accepted by: [Signature]
 Date: 11-14-16 Time: 9:50
 Date: 11-14-16 Time: 1446

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

State where samples were collected: NY

Comments, Special Requirements or Regulations:
 * Run MS/MSD on 15B6 (12-14)
 x Place 15B6 (15-17) on hold
 x Place 15B7 (25-27.5) on hold



Monday, November 28, 2016

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

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
Sample ID#s: BV81835 - BV81853

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.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
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
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 1181 FLUSHING AVENUE BROOKLYN NY
Laboratory Project: GBV81835



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

November 28, 2016

SDG I.D.: GBV81835

Environmental Business Consultants 1181 FLUSHING AVENUE BROOKLYN NY

Methodology Summary

Accelerated Solvent Extraction (ASE)

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 3545A.

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 7471B.

Metals

ICP :

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010C.

Mercury:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8270D.

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260C and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.



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Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

November 28, 2016

SDG I.D.: GBV81835

Environmental Business Consultants 1181 FLUSHING AVENUE BROOKLYN NY

Sample Id Cross Reference

Client Id	Lab Id	Matrix
15B5 (0-2)	BV81835	SOIL
15B5 (12-14)	BV81836	SOIL
15B5 (15-17)	BV81837	SOIL
15B8 (0-2)	BV81838	SOIL
15B8 (12-14)	BV81839	SOIL
15B11 (0-2)	BV81840	SOIL
15B11 (3-5)	BV81841	SOIL
15B11 (12-14)	BV81842	SOIL
15B12 (12-14)	BV81843	SOIL
15B12 (20-22)	BV81844	SOIL
15B13 (12-14)	BV81845	SOIL
15B14 (1-3)	BV81846	SOIL
15B14 (12-14)	BV81847	SOIL
15B14 (14-16)	BV81848	SOIL
15B20 (0-2)	BV81849	SOIL
15B20 (12-14)	BV81850	SOIL
SOIL DUPLICATE	BV81851	SOIL
TRIP BLANK HIGH	BV81852	SOIL
TRIP BLANK LOW	BV81853	SOIL



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
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NY Analytical Services Protocol Format

November 28, 2016

SDG I.D.: GBV81835

Environmental Business Consultants 1181 FLUSHING AVENUE BROOKLYN NY

Laboratory Chronicle

The samples in this delivery group were received at 4°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BV81835	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81835	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81835	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81835	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Lead	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81835	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81835	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81835	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81835	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81835	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81835	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81835	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81835	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y



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BV81836	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81836	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81836	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Lead	11/10/16	11/14/16	11/15/16	LK	Y
BV81836	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81836	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81836	Polychlorinated Biphenyls	11/10/16	11/11/16	11/16/16	AW	Y
BV81836	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81836	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81836	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81836	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81836	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81837	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81837	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Calcium	11/10/16	11/14/16	11/13/16	LK	Y



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BV81837	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81837	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Lead	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81837	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81837	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81837	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81837	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81837	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81837	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81838	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81838	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81838	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Lead	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Manganese	11/10/16	11/14/16	11/13/16	LK	Y



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BV81838	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81838	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81838	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81838	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81838	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81838	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81838	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81838	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81839	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81839	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81839	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Lead	11/10/16	11/14/16	11/15/16	LK	Y
BV81839	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81839	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81839	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81839	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81839	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Selenium	11/10/16	11/14/16	11/13/16	LK	Y



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BV81839	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81839	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81839	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81839	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81839	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81840	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81840	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81840	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Lead	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81840	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81840	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81840	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81840	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81840	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81840	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y



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BV81840	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81840	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	1,4-dioxane	11/10/16	11/14/16	11/14/16	JLI	Y
BV81841	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81841	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81841	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Lead	11/10/16	11/14/16	11/15/16	LK	Y
BV81841	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81841	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81841	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81841	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81841	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81841	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81841	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81842	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81842	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y



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BV81842	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81842	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Lead	11/10/16	11/14/16	11/15/16	LK	Y
BV81842	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81842	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81842	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81842	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81842	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81842	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81842	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81842	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81843	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81843	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81843	Iron	11/10/16	11/14/16	11/13/16	LK	Y



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BV81843	Lead	11/10/16	11/14/16	11/15/16	LK	Y
BV81843	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81843	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81843	Pesticides - Soil	11/10/16	11/11/16	11/15/16	CE	Y
BV81843	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81843	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81843	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81843	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81843	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81843	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81844	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81844	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81844	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Lead	11/10/16	11/14/16	11/15/16	LK	Y
BV81844	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81844	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y



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BV81844	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81844	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81844	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81844	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81844	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	1,4-dioxane	11/10/16	11/14/16	11/14/16	JLI	Y
BV81845	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81845	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81845	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Lead	11/10/16	11/14/16	11/15/16	LK	Y
BV81845	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81845	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81845	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81845	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81845	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81845	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Thallium	11/10/16	11/14/16	11/13/16	LK	Y



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BV81845	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81845	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81845	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81845	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	1,4-dioxane	11/10/16	11/14/16	11/14/16	JLI	Y
BV81846	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81846	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81846	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Lead	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81846	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81846	Pesticides - Soil	11/10/16	11/11/16	11/15/16	CE	Y
BV81846	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81846	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81846	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81846	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81846	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81846	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	1,4-dioxane	11/10/16	11/14/16	11/14/16	JLI	Y
BV81847	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y



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BV81847	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81847	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81847	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Lead	11/10/16	11/14/16	11/15/16	LK	Y
BV81847	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81847	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81847	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81847	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81847	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81847	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81847	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81847	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81848	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81848	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Chromium	11/10/16	11/14/16	11/13/16	LK	Y



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BV81848	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81848	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Lead	11/10/16	11/14/16	11/15/16	LK	Y
BV81848	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81848	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81848	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81848	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81848	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81848	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81848	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81849	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81849	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81849	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Lead	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Mercury	11/10/16	11/14/16	11/14/16	RS	Y



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BV81849	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81849	Pesticides - Soil	11/10/16	11/11/16	11/15/16	CE	Y
BV81849	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81849	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81849	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81849	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81849	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81849	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81850	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81850	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81850	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Lead	11/10/16	11/14/16	11/15/16	LK	Y
BV81850	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81850	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81850	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81850	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y



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BV81850	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81850	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81850	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81850	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81851	Aluminum	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Antimony	11/10/16	11/14/16	11/15/16	LK	Y
BV81851	Arsenic	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Barium	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Beryllium	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Cadmium	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Calcium	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Chromium	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Cobalt	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Copper	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81851	Iron	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Lead	11/10/16	11/14/16	11/15/16	LK	Y
BV81851	Magnesium	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Manganese	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81851	Nickel	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81851	Pesticides - Soil	11/10/16	11/11/16	11/15/16	CE	Y
BV81851	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81851	Potassium	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Selenium	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81851	Silver	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Sodium	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Thallium	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Vanadium	11/10/16	11/14/16	11/13/16	LK	Y
BV81851	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81851	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

November 28, 2016

SDG I.D.: GBV81835

Environmental Business Consultants 1181 FLUSHING AVENUE BROOKLYN NY

BV81851	Zinc	11/10/16	11/14/16	11/13/16	LK	Y
BV81852	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81852	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81852	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81852	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81853	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81853	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81853	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81853	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

November 28, 2016

SDG I.D.: GBV81835

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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81835

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B5 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	6370	37	7.3	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	5.88	0.73	0.73	mg/Kg	1	11/13/16	LK	SW6010C
Barium	91.2	0.7	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	0.36	0.29	0.15	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	15400	37	34	mg/Kg	10	11/13/16	LK	SW6010C
Cadmium	0.98	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	5.15	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	15.1	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Copper	71.0	0.37	0.37	mg/kg	1	11/13/16	LK	SW6010C
Iron	15300	37	37	mg/Kg	10	11/13/16	LK	SW6010C
Mercury	0.49	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	710	N 7	2.9	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	5190	3.7	3.7	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	309	3.7	3.7	mg/Kg	10	11/13/16	LK	SW6010C
Sodium	132	7	3.2	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	13.9	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Lead	228	7.3	3.7	mg/Kg	10	11/13/16	LK	SW6010C
Antimony	ND	1.9	1.9	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.5	1.2	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.5	1.5	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	20.6	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	261	7.3	3.7	mg/Kg	10	11/13/16	LK	SW6010C
Percent Solid	91			%		11/11/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/11/16	CC/V	SW3545A
Soil Extraction for Pest	Completed					11/11/16	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A

QA/QC Surrogates

% DCBP	76			%	2	11/14/16	AW	40 - 140 %
% TCMX	76			%	2	11/14/16	AW	40 - 140 %

Pesticides - Soil

4,4' -DDD	100	D	11	11	ug/Kg	10	11/16/16	CE	SW8081B
4,4' -DDE	72		2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	76	D	11	11	ug/Kg	10	11/16/16	CE	SW8081B
a-BHC	ND		7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND		3.6	3.6	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND		3.6	3.6	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND		7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND		36	36	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND		7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND		3.6	3.6	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND		7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND		7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND		7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND		7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND		7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND		7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND		1.4	1.4	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND		3.6	3.6	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND		7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND		7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND		36	36	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND		140	140	ug/Kg	2	11/16/16	CE	SW8081B

QA/QC Surrogates

% DCBP	70			%	2	11/16/16	CE	40 - 140 %
% TCMX	65			%	2	11/16/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND		4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND		4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND		4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND		4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND		4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
2-Hexanone	ND	21	4.3	ug/Kg	1	11/13/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	21	4.3	ug/Kg	1	11/13/16	JLI	SW8260C
Acetone	ND	21	4.3	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	8.6	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
Benzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Bromobenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Bromochloromethane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
Bromoform	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
Bromomethane	ND	4.3	1.7	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon Disulfide	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
Chlorobenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroethane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroform	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Chloromethane	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromomethane	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Ethylbenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Isopropylbenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
m&p-Xylene	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	26	4.3	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.6	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
Methylene chloride	ND	4.3	4.3	ug/Kg	1	11/13/16	JLI	SW8260C
Naphthalene	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
n-Butylbenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
o-Xylene	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
sec-Butylbenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Styrene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrachloroethene	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.6	2.1	ug/Kg	1	11/13/16	JLI	SW8260C
Toluene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.6	2.1	ug/Kg	1	11/13/16	JLI	SW8260C
Trichloroethene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.3	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Vinyl chloride	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	107			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	93			%	1	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	64	34	ug/kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	107			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	93			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	11/13/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	17	0.86	ug/Kg	1	11/13/16	JLI	SW8260C
Acrolein	ND	17	2.1	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	17	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Tert-butyl alcohol	ND	86	17	ug/Kg	1	11/13/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	250	90	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	420	250	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	250	250	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	360	720	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	220	72	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	360	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	120	J 250	110	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	240	J 250	100	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	250	J 250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	550	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	360	210	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	700	180	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	800	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	390	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	700	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	1800	720	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	440	250	93	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	180	98	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	110	J 250	100	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	180	140	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	690	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	120	J 180	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	160	J 250	110	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	250	96	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	250	93	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	620	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	140	J 250	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	530	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	180	100	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	520	250	100	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	180	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	620	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	650	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	250	89	ug/Kg	1	11/12/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	74			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	66			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	46			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	71			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	64			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	58			%	1	11/12/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

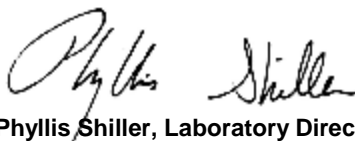
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/10/16
 11/11/16 18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81836

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B5 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	4610	38	7.6	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	0.89	0.76	0.76	mg/Kg	1	11/13/16	LK	SW6010C
Barium	24.6	0.8	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	0.22	B 0.30	0.15	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	1070	3.8	3.5	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	ND	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	9.15	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	9.97	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Copper	6.78	0.38	0.38	mg/kg	1	11/13/16	LK	SW6010C
Iron	12100	38	38	mg/Kg	10	11/13/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	844	N 8	3.0	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	2050	3.8	3.8	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	694	3.8	3.8	mg/Kg	10	11/13/16	LK	SW6010C
Sodium	108	8	3.3	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	8.26	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Lead	1.4	0.7	0.36	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	1.8	1.8	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.5	1.3	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.5	1.5	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	12.6	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	19.6	0.8	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Percent Solid	90			%		11/11/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/11/16	CC/V	SW3545A
Soil Extraction for Pest	Completed					11/11/16	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1221	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1232	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1242	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1248	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1254	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1260	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1262	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1268	ND	74	74	ug/Kg	2	11/16/16	AW	SW8082A

QA/QC Surrogates

% DCBP	81			%	2	11/16/16	AW	40 - 140 %
% TCMX	73			%	2	11/16/16	AW	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
2-Hexanone	ND	16	3.3	ug/Kg	1	11/13/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
4-Methyl-2-pentanone	9.7	J 16	3.3	ug/Kg	1	11/13/16	JLI	SW8260C
Acetone	560	S 260	260	ug/Kg	50	11/13/16	JLI	SW8260C
Acrylonitrile	ND	6.6	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
Benzene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Bromobenzene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Bromochloromethane	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromoform	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
Bromomethane	ND	3.3	1.3	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon Disulfide	1.9	J 3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
Chlorobenzene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroethane	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroform	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Chloromethane	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromomethane	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Ethylbenzene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Isopropylbenzene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
m&p-Xylene	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	19	J 20	3.3	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	6.6	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
Methylene chloride	ND	3.3	3.3	ug/Kg	1	11/13/16	JLI	SW8260C
Naphthalene	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
n-Butylbenzene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
n-Propylbenzene	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
o-Xylene	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
sec-Butylbenzene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Styrene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrachloroethene	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.6	1.6	ug/Kg	1	11/13/16	JLI	SW8260C
Toluene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	6.6	1.6	ug/Kg	1	11/13/16	JLI	SW8260C
Trichloroethene	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.3	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Vinyl chloride	ND	3.3	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	102			%	1	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	49	26	ug/kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	102			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	13	0.66	ug/Kg	1	11/13/16	JLI	SW8260C
Acrolein	ND	13	1.6	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	13	0.33	ug/Kg	1	11/13/16	JLI	SW8260C
Tert-butyl alcohol	ND	66	13	ug/Kg	1	11/13/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	250	250	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	360	720	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	220	72	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	360	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	360	210	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	1800	720	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	250	93	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	180	97	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	180	140	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	250	96	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	250	93	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	180	100	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Nitrobenzene	ND	180	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	250	89	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	84			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	66			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	47			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	65			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	61			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	69			%	1	11/12/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceded 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.

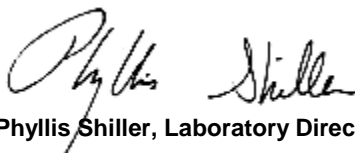
Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81837

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B5 (15-17)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.40	0.40	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	2810	40	7.9	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	ND	0.79	0.79	mg/Kg	1	11/13/16	LK	SW6010C
Barium	16.2	0.8	0.40	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	ND	0.32	0.16	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	317	4.0	3.7	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	ND	0.40	0.40	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	2.69	0.40	0.40	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	5.31	0.40	0.40	mg/Kg	1	11/13/16	LK	SW6010C
Copper	4.65	0.40	0.40	mg/kg	1	11/13/16	LK	SW6010C
Iron	5430	4.0	4.0	mg/Kg	1	11/13/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	351	N 8	3.1	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	1160	4.0	4.0	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	106	0.40	0.40	mg/Kg	1	11/13/16	LK	SW6010C
Sodium	69	8	3.4	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	5.23	0.40	0.40	mg/Kg	1	11/13/16	LK	SW6010C
Lead	0.7	B 0.8	0.40	mg/Kg	1	11/13/16	LK	SW6010C
Antimony	ND	1.9	1.9	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.6	1.4	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.6	1.6	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	6.39	0.40	0.40	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	10.9	0.8	0.40	mg/Kg	1	11/13/16	LK	SW6010C
Percent Solid	85			%		11/11/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
2-Hexanone	ND	23	4.6	ug/Kg	1	11/13/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	23	4.6	ug/Kg	1	11/13/16	JLI	SW8260C
Acetone	12	JS 23	4.6	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	9.2	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
Benzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Bromobenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Bromochloromethane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
Bromoform	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
Bromomethane	ND	4.6	1.8	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon Disulfide	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
Chlorobenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroethane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroform	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Chloromethane	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromomethane	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Ethylbenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Isopropylbenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	28	4.6	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.2	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
Methylene chloride	ND	4.6	4.6	ug/Kg	1	11/13/16	JLI	SW8260C
Naphthalene	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
n-Butylbenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
n-Propylbenzene	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
o-Xylene	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
sec-Butylbenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Styrene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrachloroethene	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.2	2.3	ug/Kg	1	11/13/16	JLI	SW8260C
Toluene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.2	2.3	ug/Kg	1	11/13/16	JLI	SW8260C
Trichloroethene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.6	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Vinyl chloride	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	69	37	ug/kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	18	0.92	ug/Kg	1	11/13/16	JLI	SW8260C
Acrolein	ND	18	2.3	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	18	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Tert-butyl alcohol	ND	92	18	ug/Kg	1	11/13/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	190	140	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	270	96	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Chlorophenol	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	270	270	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	270	240	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	390	770	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	230	77	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	390	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	390	170	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	310	310	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	390	230	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	1900	770	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	270	99	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	190	150	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	270	100	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	270	99	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	190	110	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	190	110	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Nitrobenzene	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	230	150	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	270	95	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	79			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	72			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	57			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	78			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	70			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	71			%	1	11/12/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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.

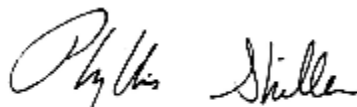
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81838

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B8 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	7470	37	7.4	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	6.00	0.74	0.74	mg/Kg	1	11/13/16	LK	SW6010C
Barium	76.4	0.7	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	0.44	0.30	0.15	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	1870	3.7	3.4	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	0.67	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	5.99	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	14.9	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Copper	68.1	0.37	0.37	mg/kg	1	11/13/16	LK	SW6010C
Iron	13500	37	37	mg/Kg	10	11/13/16	LK	SW6010C
Mercury	0.45	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	570	N 7	2.9	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	1470	3.7	3.7	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	271	3.7	3.7	mg/Kg	10	11/13/16	LK	SW6010C
Sodium	91	7	3.2	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	14.7	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Lead	196	7.4	3.7	mg/Kg	10	11/13/16	LK	SW6010C
Antimony	ND	1.9	1.9	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.5	1.3	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.5	1.5	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	16.0	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	269	7.4	3.7	mg/Kg	10	11/13/16	LK	SW6010C
Percent Solid	88			%		11/11/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/11/16	CC/V	SW3545A
Soil Extraction for Pest	Completed					11/11/16	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A

QA/QC Surrogates

% DCBP	82			%	2	11/14/16	AW	40 - 140 %
% TCMX	78			%	2	11/14/16	AW	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	520	330	33	ug/Kg	50	11/13/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	350	330	33	ug/Kg	50	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
2-Hexanone	ND	27	5.3	ug/Kg	1	11/13/16	JLI	SW8260C
2-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	5.3	ug/Kg	1	11/13/16	JLI	SW8260C
Acetone	ND	27	5.3	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	11	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Benzene	110	60	33	ug/Kg	50	11/13/16	JLI	SW8260C
Bromobenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Bromochloromethane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromoform	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Bromomethane	ND	5.3	2.1	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon Disulfide	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Chlorobenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroethane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroform	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Chloromethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromomethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Ethylbenzene	220	J 330	33	ug/Kg	50	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Isopropylbenzene	61	J 330	33	ug/Kg	50	11/13/16	JLI	SW8260C
m&p-Xylene	580	330	67	ug/Kg	50	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	32	5.3	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	140	J 670	67	ug/Kg	50	11/13/16	JLI	SW8260C
Methylene chloride	ND	5.3	5.3	ug/Kg	1	11/13/16	JLI	SW8260C
Naphthalene	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
n-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
n-Propylbenzene	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
o-Xylene	100	J 330	67	ug/Kg	50	11/13/16	JLI	SW8260C
p-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
sec-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Styrene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrachloroethene	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	2.7	ug/Kg	1	11/13/16	JLI	SW8260C
Toluene	85	J 330	33	ug/Kg	50	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	2.7	ug/Kg	1	11/13/16	JLI	SW8260C
Trichloroethene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Vinyl chloride	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	80	43	ug/kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	11/13/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	21	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Acrolein	ND	21	2.7	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	21	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Tert-butyl alcohol	ND	110	21	ug/Kg	1	11/13/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	260	260	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	260	230	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	190	170	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	370	740	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	220	74	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	300	170	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	370	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	230	J 260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	370	220	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	240	190	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	220	J 260	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	220	J 260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	1900	740	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	190	150	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	280	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	260	99	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	260	96	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	510	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	190	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobutadiene	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	190	110	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	150	J 260	120	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	190	100	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Nitrobenzene	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	530	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	460	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	260	91	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	77			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	64			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	48			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	65			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	62			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	66			%	1	11/12/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded 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:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

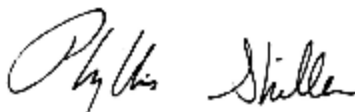
Volatile Comment:

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.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81839

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B8 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.42	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	4390	42	8.4	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	1.11	0.84	0.84	mg/Kg	1	11/13/16	LK	SW6010C
Barium	38.6	0.8	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	0.21	B 0.33	0.17	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	1100	4.2	3.8	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	ND	0.42	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	4.95	0.42	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	9.81	0.42	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Copper	8.44	0.42	0.42	mg/kg	1	11/13/16	LK	SW6010C
Iron	10700	42	42	mg/Kg	10	11/13/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	909	N 8	3.3	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	2030	4.2	4.2	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	199	4.2	4.2	mg/Kg	10	11/13/16	LK	SW6010C
Sodium	109	8	3.6	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	9.57	0.42	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Lead	1.2	0.8	0.41	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	2.1	2.1	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.7	1.4	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.7	1.7	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	15.3	0.42	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	21.0	0.8	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Percent Solid	82			%		11/11/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/11/16	CC/V	SW3545A
Soil Extraction for Pest	Completed					11/11/16	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A

QA/QC Surrogates

% DCBP	41			%	2	11/14/16	AW	40 - 140 %
% TCMX	56			%	2	11/14/16	AW	40 - 140 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	39	39	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	11/16/16	CE	SW8081B

QA/QC Surrogates

% DCBP	63			%	2	11/16/16	CE	40 - 140 %
% TCMX	50			%	2	11/16/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
2-Hexanone	ND	27	5.3	ug/Kg	1	11/13/16	JLI	SW8260C
2-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	5.3	ug/Kg	1	11/13/16	JLI	SW8260C
Acetone	9.5	JS 27	5.3	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	11	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Benzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Bromobenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Bromochloromethane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Bromoform	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Bromomethane	ND	5.3	2.1	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon Disulfide	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Chlorobenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroethane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroform	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Chloromethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromomethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Ethylbenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Isopropylbenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
m&p-Xylene	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	32	5.3	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	2.2	J 11	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Methylene chloride	ND	5.3	5.3	ug/Kg	1	11/13/16	JLI	SW8260C
Naphthalene	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
n-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
o-Xylene	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
p-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
sec-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Styrene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrachloroethene	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	2.7	ug/Kg	1	11/13/16	JLI	SW8260C
Toluene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	2.7	ug/Kg	1	11/13/16	JLI	SW8260C
Trichloroethene	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	5.3	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Vinyl chloride	ND	5.3	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	80	42	ug/kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	21	1.1	ug/Kg	1	11/13/16	JLI	SW8260C
Acrolein	ND	21	2.7	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	21	0.53	ug/Kg	1	11/13/16	JLI	SW8260C
Tert-butyl alcohol	ND	110	21	ug/Kg	1	11/13/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	280	100	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	280	280	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	400	800	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	80	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	320	190	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	400	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	400	180	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	400	240	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	2000	800	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobutadiene	ND	280	150	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	280	99	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	84			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	68			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	52			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	69			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	64			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	62			%	1	11/12/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

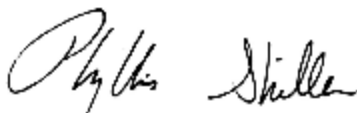
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81840

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B11 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	0.72	0.34	0.34	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	7940	34	6.9	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	7.69	0.69	0.69	mg/Kg	1	11/13/16	LK	SW6010C
Barium	446	0.7	0.34	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	0.39	0.27	0.14	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	6970	3.4	3.2	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	7.67	0.34	0.34	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	8.49	0.34	0.34	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	31.9	0.34	0.34	mg/Kg	1	11/13/16	LK	SW6010C
Copper	266	3.4	3.4	mg/kg	10	11/13/16	LK	SW6010C
Iron	25900	34	34	mg/Kg	10	11/13/16	LK	SW6010C
Mercury	0.81	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	861	N 7	2.7	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	2380	3.4	3.4	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	403	3.4	3.4	mg/Kg	10	11/13/16	LK	SW6010C
Sodium	189	7	2.9	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	29.0	0.34	0.34	mg/Kg	1	11/13/16	LK	SW6010C
Lead	754	6.9	3.4	mg/Kg	10	11/13/16	LK	SW6010C
Antimony	7.5	1.7	1.7	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.4	1.2	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.4	1.4	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	25.6	0.34	0.34	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	1100	6.9	3.4	mg/Kg	10	11/13/16	LK	SW6010C
Percent Solid	89			%		11/11/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/11/16	CC/V	SW3545A
Soil Extraction for Pest	Completed					11/11/16	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	350	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	75	75	ug/Kg	2	11/14/16	AW	SW8082A

QA/QC Surrogates

% DCBP	71			%	2	11/14/16	AW	40 - 140 %
% TCMX	65			%	2	11/14/16	AW	40 - 140 %

Pesticides - Soil

4,4' -DDD	ND	30	30	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	15	15	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	20	20	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	10	10	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	10	10	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	20	20	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/16/16	CE	SW8081B

QA/QC Surrogates

% DCBP	77			%	2	11/16/16	CE	40 - 140 %
% TCMX	62			%	2	11/16/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	270	72	ug/Kg	50	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	330	36	ug/Kg	50	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	16000	D 1800	180	ug/Kg	250	11/14/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	36	36	ug/Kg	50	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	7100	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
2-Hexanone	ND	1800	360	ug/Kg	50	11/13/16	JLI	SW8260C
2-Isopropyltoluene	82	J 360	36	ug/Kg	50	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	1800	360	ug/Kg	50	11/13/16	JLI	SW8260C
Acetone	920	S 360	360	ug/Kg	50	11/13/16	JLI	SW8260C
Acrylonitrile	ND	720	72	ug/Kg	50	11/13/16	JLI	SW8260C
Benzene	1900	60	36	ug/Kg	50	11/13/16	JLI	SW8260C
Bromobenzene	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
Bromochloromethane	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
Bromoform	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
Bromomethane	ND	360	140	ug/Kg	50	11/13/16	JLI	SW8260C
Carbon Disulfide	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
Chlorobenzene	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
Chloroethane	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
Chloroform	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
Chloromethane	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	27000	D 250	180	ug/Kg	250	11/14/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
Dibromomethane	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
Ethylbenzene	4500	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
Isopropylbenzene	600	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
m&p-Xylene	9600	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	360	360	ug/Kg	50	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	720	72	ug/Kg	50	11/13/16	JLI	SW8260C
Methylene chloride	ND	360	360	ug/Kg	50	11/13/16	JLI	SW8260C
Naphthalene	3400	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
n-Butylbenzene	820	360	36	ug/Kg	50	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	1600	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
o-Xylene	5600	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
p-Isopropyltoluene	440	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
sec-Butylbenzene	450	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
Styrene	96	J 360	36	ug/Kg	50	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
Tetrachloroethene	2400	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	720	180	ug/Kg	50	11/13/16	JLI	SW8260C
Toluene	15000	D 700	180	ug/Kg	250	11/14/16	JLI	SW8260C
trans-1,2-Dichloroethene	2300	190	36	ug/Kg	50	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	720	180	ug/Kg	50	11/13/16	JLI	SW8260C
Trichloroethene	410	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	360	72	ug/Kg	50	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	360	36	ug/Kg	50	11/13/16	JLI	SW8260C
Vinyl chloride	3000	36	36	ug/Kg	50	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	50	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	106			%	50	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	95			%	50	11/13/16	JLI	70 - 130 %
% Toluene-d8	97			%	50	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	2900	2900	ug/kg	50	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	50	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	106			%	50	11/13/16	JLI	70 - 130 %
% Toluene-d8	97			%	50	11/13/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1400	72	ug/Kg	50	11/13/16	JLI	SW8260C
Acrolein	ND	1400	180	ug/Kg	50	11/13/16	JLI	SW8260C
Acrylonitrile	ND	1400	36	ug/Kg	50	11/13/16	JLI	SW8260C
Tert-butyl alcohol	ND	7200	1400	ug/Kg	50	11/13/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	260	93	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	330	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	260	260	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	260	240	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	370	750	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	220	75	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	300	170	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	370	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	190	J 260	100	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	170	J 260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	480	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	370	220	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	870	190	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	920	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	620	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	770	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	1900	750	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	260	97	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	5000	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	190	150	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	670	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	170	J 190	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	260	97	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	950	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	190	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobutadiene	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	190	110	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	720	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	190	100	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	280	260	110	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	620	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	1500	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	260	92	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	82			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	76			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	57			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	71			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	70			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	75			%	1	11/12/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

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

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

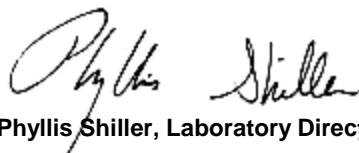
Pesticide Comment:

Due to matrix interference caused by the presence of PCBs in the sample, an elevated RL was reported.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81841

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B11 (3-5)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	6140	38	7.6	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	1.15	0.76	0.76	mg/Kg	1	11/13/16	LK	SW6010C
Barium	20.0	0.8	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	0.22	B 0.30	0.15	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	908	3.8	3.5	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	ND	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	4.35	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	11.3	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Copper	8.58	0.38	0.38	mg/kg	1	11/13/16	LK	SW6010C
Iron	9030	3.8	3.8	mg/Kg	1	11/13/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	356	N 8	3.0	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	1920	3.8	3.8	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	145	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Sodium	129	8	3.3	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	9.50	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Lead	1.8	0.7	0.36	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	1.8	1.8	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.5	1.3	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.5	1.5	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	12.3	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	18.5	0.8	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Percent Solid	93			%		11/11/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,4-Trimethylbenzene	1.5	J 3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
1,3,5-Trimethylbenzene	0.55	J 3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
2-Chlorotoluene	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
2-Hexanone	ND	16	3.3	ug/Kg	1	11/14/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
4-Chlorotoluene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	16	3.3	ug/Kg	1	11/14/16	JLI	SW8260C
Acetone	36	S 16	3.3	ug/Kg	1	11/14/16	JLI	SW8260C
Acrylonitrile	ND	6.6	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
Benzene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Bromobenzene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Bromochloromethane	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Bromodichloromethane	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
Bromoform	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
Bromomethane	ND	3.3	1.3	ug/Kg	1	11/14/16	JLI	SW8260C
Carbon Disulfide	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
Carbon tetrachloride	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
Chlorobenzene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Chloroethane	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Chloroform	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Chloromethane	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Dibromochloromethane	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
Dibromomethane	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Ethylbenzene	0.38	J 3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Isopropylbenzene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
Methyl Ethyl Ketone	6.5	J 20	3.3	ug/Kg	1	11/14/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	1.1	J 6.6	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
Methylene chloride	ND	3.3	3.3	ug/Kg	1	11/14/16	JLI	SW8260C
Naphthalene	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
n-Butylbenzene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
n-Propylbenzene	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
o-Xylene	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
sec-Butylbenzene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Styrene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
tert-Butylbenzene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Tetrachloroethene	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.6	1.6	ug/Kg	1	11/14/16	JLI	SW8260C
Toluene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	6.6	1.6	ug/Kg	1	11/14/16	JLI	SW8260C
Trichloroethene	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.3	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Vinyl chloride	ND	3.3	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/14/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/14/16	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	11/14/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/14/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	49	26	ug/kg	1	11/14/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/14/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/14/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/14/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	13	0.66	ug/Kg	1	11/14/16	JLI	SW8260C
Acrolein	ND	13	1.6	ug/Kg	1	11/14/16	JLI	SW8260C
Acrylonitrile	ND	13	0.33	ug/Kg	1	11/14/16	JLI	SW8260C
Tert-butyl alcohol	17	J 66	13	ug/Kg	1	11/14/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	250	99	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	250	87	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	250	250	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	250	220	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	350	700	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	130	J 210	70	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	280	160	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	350	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	350	160	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	250	98	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	280	280	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	350	210	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	1800	700	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	250	91	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	97	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	180	95	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	98	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	180	140	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	250	93	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	250	91	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	180	100	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	180	98	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Nitrobenzene	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	250	99	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	210	130	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	250	86	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	67			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	73			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	60			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	70			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	70			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	76			%	1	11/12/16	DD	30 - 130 %

1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
 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:

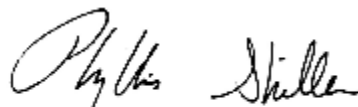
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81842

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B11 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.41	0.41	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	4620	41	8.3	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	1.43	0.83	0.83	mg/Kg	1	11/13/16	LK	SW6010C
Barium	21.5	0.8	0.41	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	0.22	B 0.33	0.17	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	663	4.1	3.8	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	ND	0.41	0.41	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	5.14	0.41	0.41	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	11.6	0.41	0.41	mg/Kg	1	11/13/16	LK	SW6010C
Copper	8.73	0.41	0.41	mg/kg	1	11/13/16	LK	SW6010C
Iron	10800	41	41	mg/Kg	10	11/13/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	798	N 8	3.2	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	1990	4.1	4.1	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	208	4.1	4.1	mg/Kg	10	11/13/16	LK	SW6010C
Sodium	84	8	3.5	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	10.6	0.41	0.41	mg/Kg	1	11/13/16	LK	SW6010C
Lead	1.1	0.8	0.39	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	1.9	1.9	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.7	1.4	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.7	1.7	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	13.2	0.41	0.41	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	19.9	0.8	0.41	mg/Kg	1	11/13/16	LK	SW6010C
Percent Solid	83			%		11/11/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/11/16	CC/V	SW3545A
Soil Extraction for Pest	Completed					11/11/16	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	78	78	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	78	78	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	78	78	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	78	78	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	78	78	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	78	78	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	78	78	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	78	78	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	78	78	ug/Kg	2	11/14/16	AW	SW8082A

QA/QC Surrogates

% DCBP	80			%	2	11/14/16	AW	40 - 140 %
% TCMX	82			%	2	11/14/16	AW	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
2-Hexanone	ND	25	5.1	ug/Kg	1	11/13/16	JLI	SW8260C
2-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	25	5.1	ug/Kg	1	11/13/16	JLI	SW8260C
Acetone	27	S 25	5.1	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	10	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Benzene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Bromobenzene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Bromochloromethane	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromoform	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Bromomethane	ND	5.1	2.0	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon Disulfide	1.3	J 5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Chlorobenzene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroethane	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroform	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Chloromethane	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromomethane	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Ethylbenzene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Isopropylbenzene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
m&p-Xylene	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	5.1	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	22	10	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Methylene chloride	ND	5.1	5.1	ug/Kg	1	11/13/16	JLI	SW8260C
Naphthalene	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
n-Butylbenzene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
n-Propylbenzene	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
o-Xylene	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
p-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
sec-Butylbenzene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Styrene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrachloroethene	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	11/13/16	JLI	SW8260C
Toluene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	11/13/16	JLI	SW8260C
Trichloroethene	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	5.1	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Vinyl chloride	ND	5.1	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	76	40	ug/kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/13/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	20	0.51	ug/Kg	1	11/13/16	JLI	SW8260C
Tert-butyl alcohol	32	J 100	20	ug/Kg	1	11/13/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	280	280	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	390	790	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	79	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	320	180	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	390	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	390	180	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	390	230	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	2000	790	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	280	100	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Nitrobenzene	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	280	97	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	102			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	70			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	48			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	62			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	62			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	78			%	1	11/12/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded 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.

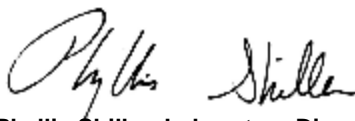
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81843

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B12 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	3660	37	7.4	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	ND	0.74	0.74	mg/Kg	1	11/13/16	LK	SW6010C
Barium	17.6	0.7	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	0.16	B 0.29	0.15	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	705	3.7	3.4	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	ND	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	3.00	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	10.3	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Copper	6.54	0.37	0.37	mg/kg	1	11/13/16	LK	SW6010C
Iron	6240	3.7	3.7	mg/Kg	1	11/13/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	559	N 7	2.9	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	1400	3.7	3.7	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	84.1	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Sodium	94	7	3.2	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	6.72	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Lead	1.9	0.8	0.40	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	2.0	2.0	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.5	1.3	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.5	1.5	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	11.6	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	13.6	0.7	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Percent Solid	85			%		11/11/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/11/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					11/11/16	NC/V	SW3545A
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	77	77	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	77	77	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	77	77	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	77	77	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	77	77	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	77	77	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	77	77	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	77	77	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	77	77	ug/Kg	2	11/14/16	AW	SW8082A

QA/QC Surrogates

% DCBP	61			%	2	11/14/16	AW	40 - 140 %
% TCMX	55			%	2	11/14/16	AW	40 - 140 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	11/15/16	CE	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	11/15/16	CE	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	11/15/16	CE	SW8081B
a-BHC	ND	7.7	7.7	ug/Kg	2	11/15/16	CE	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	11/15/16	CE	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	11/15/16	CE	SW8081B
b-BHC	ND	7.7	7.7	ug/Kg	2	11/15/16	CE	SW8081B
Chlordane	ND	39	39	ug/Kg	2	11/15/16	CE	SW8081B
d-BHC	ND	7.7	7.7	ug/Kg	2	11/15/16	CE	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan I	ND	7.7	7.7	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan II	ND	7.7	7.7	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan sulfate	ND	7.7	7.7	ug/Kg	2	11/15/16	CE	SW8081B
Endrin	ND	7.7	7.7	ug/Kg	2	11/15/16	CE	SW8081B
Endrin aldehyde	ND	7.7	7.7	ug/Kg	2	11/15/16	CE	SW8081B
Endrin ketone	ND	7.7	7.7	ug/Kg	2	11/15/16	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/15/16	CE	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	11/15/16	CE	SW8081B
Heptachlor	ND	7.7	7.7	ug/Kg	2	11/15/16	CE	SW8081B
Heptachlor epoxide	ND	7.7	7.7	ug/Kg	2	11/15/16	CE	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	11/15/16	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/15/16	CE	SW8081B

QA/QC Surrogates

% DCBP	65			%	2	11/15/16	CE	40 - 140 %
% TCMX	48			%	2	11/15/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	270	63	ug/Kg	50	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	14000	D 630	63	ug/Kg	100	11/14/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	31	31	ug/Kg	50	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	4200	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
2-Hexanone	ND	1600	310	ug/Kg	50	11/13/16	JLI	SW8260C
2-Isopropyltoluene	37	J 310	31	ug/Kg	50	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	1600	310	ug/Kg	50	11/13/16	JLI	SW8260C
Acetone	ND	310	310	ug/Kg	50	11/13/16	JLI	SW8260C
Acrylonitrile	ND	630	63	ug/Kg	50	11/13/16	JLI	SW8260C
Benzene	650	60	31	ug/Kg	50	11/13/16	JLI	SW8260C
Bromobenzene	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
Bromochloromethane	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
Bromoform	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
Bromomethane	ND	310	130	ug/Kg	50	11/13/16	JLI	SW8260C
Carbon Disulfide	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
Chlorobenzene	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
Chloroethane	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
Chloroform	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
Chloromethane	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	31	ug/Kg	50	11/13/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
Dibromomethane	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
Ethylbenzene	3900	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
Isopropylbenzene	940	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
m&p-Xylene	16000	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	310	310	ug/Kg	50	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	290	J 630	63	ug/Kg	50	11/13/16	JLI	SW8260C
Methylene chloride	ND	310	310	ug/Kg	50	11/13/16	JLI	SW8260C
Naphthalene	4400	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
n-Butylbenzene	810	310	31	ug/Kg	50	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	1800	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
o-Xylene	6700	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
p-Isopropyltoluene	230	J 310	31	ug/Kg	50	11/13/16	JLI	SW8260C
sec-Butylbenzene	380	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
Styrene	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
Tetrachloroethene	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	630	160	ug/Kg	50	11/13/16	JLI	SW8260C
Toluene	470	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	190	31	ug/Kg	50	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	630	160	ug/Kg	50	11/13/16	JLI	SW8260C
Trichloroethene	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	310	63	ug/Kg	50	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	310	31	ug/Kg	50	11/13/16	JLI	SW8260C
Vinyl chloride	ND	31	31	ug/Kg	50	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	50	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	103			%	50	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	94			%	50	11/13/16	JLI	70 - 130 %
% Toluene-d8	100			%	50	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	2500	2500	ug/kg	50	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	50	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	103			%	50	11/13/16	JLI	70 - 130 %
% Toluene-d8	100			%	50	11/13/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1300	63	ug/Kg	50	11/13/16	JLI	SW8260C
Acrolein	ND	1300	160	ug/Kg	50	11/13/16	JLI	SW8260C
Acrylonitrile	ND	1300	31	ug/Kg	50	11/13/16	JLI	SW8260C
Tert-butyl alcohol	ND	6300	1300	ug/Kg	50	11/13/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dichlorophenol	ND	190	140	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	270	96	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	1300	270	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	270	270	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	270	240	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	390	770	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	230	77	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	390	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	390	170	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	310	310	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	390	230	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	1900	770	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	270	99	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	970	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	190	150	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	270	100	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	270	99	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	190	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	190	110	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	770	270	110	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	230	150	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	270	95	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	94			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	81			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	65			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	70			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	73			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	65			%	1	11/12/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

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

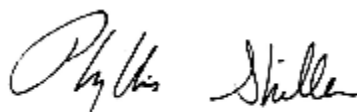
Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81844

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B12 (20-22)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	3230	37	7.4	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	ND	0.74	0.74	mg/Kg	1	11/13/16	LK	SW6010C
Barium	17.9	0.7	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	0.17	B 0.30	0.15	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	949	3.7	3.4	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	ND	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	4.47	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	8.47	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Copper	7.31	0.37	0.37	mg/kg	1	11/13/16	LK	SW6010C
Iron	8380	3.7	3.7	mg/Kg	1	11/13/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	456	N 7	2.9	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	1290	3.7	3.7	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	202	3.7	3.7	mg/Kg	10	11/13/16	LK	SW6010C
Sodium	93	7	3.2	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	7.67	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Lead	1.5	0.8	0.39	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	1.9	1.9	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.5	1.3	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.5	1.5	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	12.9	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	13.8	0.7	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Percent Solid	80			%		11/11/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	0.67	J 4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
2-Hexanone	ND	23	4.6	ug/Kg	1	11/13/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	23	4.6	ug/Kg	1	11/13/16	JLI	SW8260C
Acetone	16	JS 23	4.6	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	9.1	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
Benzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Bromobenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Bromochloromethane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
Bromoform	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
Bromomethane	ND	4.6	1.8	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon Disulfide	2.9	J 4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
Chlorobenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroethane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroform	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Chloromethane	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromomethane	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Ethylbenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Isopropylbenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	27	4.6	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.1	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
Methylene chloride	ND	4.6	4.6	ug/Kg	1	11/13/16	JLI	SW8260C
Naphthalene	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
n-Butylbenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
n-Propylbenzene	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
o-Xylene	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
sec-Butylbenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Styrene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrachloroethene	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.1	2.3	ug/Kg	1	11/13/16	JLI	SW8260C
Toluene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.1	2.3	ug/Kg	1	11/13/16	JLI	SW8260C
Trichloroethene	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.6	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Vinyl chloride	ND	4.6	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	68	37	ug/kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/13/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	18	0.91	ug/Kg	1	11/13/16	JLI	SW8260C
Acrolein	ND	18	2.3	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	18	0.46	ug/Kg	1	11/13/16	JLI	SW8260C
Tert-butyl alcohol	ND	91	18	ug/Kg	1	11/13/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	280	100	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Chlorophenol	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	280	280	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	280	260	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	410	810	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	81	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	320	190	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	410	140	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	410	180	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	410	240	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	2000	810	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	280	150	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Nitrobenzene	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	160	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	280	100	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	65			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	64			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	50			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	56			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	58			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	70			%	1	11/12/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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.

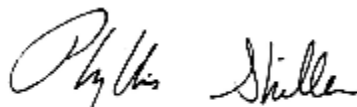
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81845

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B13 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.39	0.39	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	4020	39	7.8	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	ND	0.78	0.78	mg/Kg	1	11/13/16	LK	SW6010C
Barium	13.3	0.8	0.39	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	ND	0.31	0.16	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	820	3.9	3.6	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	ND	0.39	0.39	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	3.77	0.39	0.39	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	7.79	0.39	0.39	mg/Kg	1	11/13/16	LK	SW6010C
Copper	8.09	0.39	0.39	mg/kg	1	11/13/16	LK	SW6010C
Iron	7020	3.9	3.9	mg/Kg	1	11/13/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	440	N 8	3.0	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	1910	3.9	3.9	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	225	3.9	3.9	mg/Kg	10	11/13/16	LK	SW6010C
Sodium	127	8	3.4	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	7.95	0.39	0.39	mg/Kg	1	11/13/16	LK	SW6010C
Lead	1.1	0.8	0.38	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	1.9	1.9	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.6	1.3	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.6	1.6	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	9.78	0.39	0.39	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	14.8	0.8	0.39	mg/Kg	1	11/13/16	LK	SW6010C
Percent Solid	82			%		11/11/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/11/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					11/11/16	NC/V	SW3545A
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	81	81	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	81	81	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	81	81	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	81	81	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	81	81	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	81	81	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	81	81	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	81	81	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	81	81	ug/Kg	2	11/14/16	AW	SW8082A

QA/QC Surrogates

% DCBP	82			%	2	11/14/16	AW	40 - 140 %
% TCMX	80			%	2	11/14/16	AW	40 - 140 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	8.1	8.1	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	4.0	4.0	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	8.1	8.1	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	40	40	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	8.1	8.1	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	8.1	8.1	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	8.1	8.1	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	8.1	8.1	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	8.1	8.1	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	8.1	8.1	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	8.1	8.1	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	8.1	8.1	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	8.1	8.1	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	11/16/16	CE	SW8081B

QA/QC Surrogates

% DCBP	66			%	2	11/16/16	CE	40 - 140 %
% TCMX	64			%	2	11/16/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloropropene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dibromoethane	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichloroethane	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichloropropane	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
1,3-Dichloropropane	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
2,2-Dichloropropane	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
2-Chlorotoluene	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
2-Hexanone	ND	28	5.5	ug/Kg	1	11/14/16	JLI	SW8260C
2-Isopropyltoluene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
4-Chlorotoluene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	28	5.5	ug/Kg	1	11/14/16	JLI	SW8260C
Acetone	43	S 28	5.5	ug/Kg	1	11/14/16	JLI	SW8260C
Acrylonitrile	ND	11	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
Benzene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Bromobenzene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Bromochloromethane	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Bromodichloromethane	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
Bromoform	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
Bromomethane	ND	5.5	2.2	ug/Kg	1	11/14/16	JLI	SW8260C
Carbon Disulfide	1.3	J 5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
Carbon tetrachloride	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
Chlorobenzene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Chloroethane	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Chloroform	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Chloromethane	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Dibromochloromethane	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
Dibromomethane	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
Dichlorodifluoromethane	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Ethylbenzene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Hexachlorobutadiene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Isopropylbenzene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
m&p-Xylene	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	33	5.5	ug/Kg	1	11/14/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	70	11	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
Methylene chloride	ND	5.5	5.5	ug/Kg	1	11/14/16	JLI	SW8260C
Naphthalene	1.3	J 5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
n-Butylbenzene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
o-Xylene	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
p-Isopropyltoluene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
sec-Butylbenzene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Styrene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
tert-Butylbenzene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Tetrachloroethene	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	2.8	ug/Kg	1	11/14/16	JLI	SW8260C
Toluene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	2.8	ug/Kg	1	11/14/16	JLI	SW8260C
Trichloroethene	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Trichlorofluoromethane	ND	5.5	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Vinyl chloride	ND	5.5	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/14/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/14/16	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	11/14/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/14/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	83	44	ug/kg	1	11/14/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/14/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/14/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/14/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	22	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
Acrolein	ND	22	2.8	ug/Kg	1	11/14/16	JLI	SW8260C
Acrylonitrile	ND	22	0.55	ug/Kg	1	11/14/16	JLI	SW8260C
Tert-butyl alcohol	ND	110	22	ug/Kg	1	11/14/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	280	99	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	280	280	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	400	790	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	79	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	320	190	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	400	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	400	180	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	400	230	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	2000	790	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	280	98	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	74			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	69			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	54			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	58			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	64			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	80			%	1	11/12/16	DD	30 - 130 %

1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

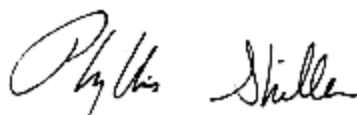
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81846

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B14 (1-3)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	6260	38	7.5	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	13.7	0.75	0.75	mg/Kg	1	11/13/16	LK	SW6010C
Barium	105	0.8	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	0.35	0.30	0.15	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	6040	3.8	3.5	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	1.27	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	7.77	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	24.5	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Copper	146	0.38	0.38	mg/kg	1	11/13/16	LK	SW6010C
Iron	24400	38	38	mg/Kg	10	11/13/16	LK	SW6010C
Mercury	0.47	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	789	N 8	2.9	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	1890	3.8	3.8	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	276	3.8	3.8	mg/Kg	10	11/13/16	LK	SW6010C
Sodium	228	8	3.2	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	21.3	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Lead	232	7.5	3.8	mg/Kg	10	11/13/16	LK	SW6010C
Antimony	1.8	1.8	1.8	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.5	1.3	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.5	1.5	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	21.9	0.38	0.38	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	677	7.5	3.8	mg/Kg	10	11/13/16	LK	SW6010C
Percent Solid	91			%		11/11/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/11/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					11/11/16	NC/V	SW3545A
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	72	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A

QA/QC Surrogates

% DCBP	75			%	2	11/14/16	AW	40 - 140 %
% TCMX	65			%	2	11/14/16	AW	40 - 140 %

Pesticides - Soil

4,4' -DDD	ND	10	10	ug/Kg	2	11/15/16	CE	SW8081B
4,4' -DDE	ND	3.0	3.0	ug/Kg	2	11/15/16	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	11/15/16	CE	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	11/15/16	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	11/15/16	CE	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Chlordane	ND	36	36	ug/Kg	2	11/15/16	CE	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Endrin	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Endrin aldehyde	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/15/16	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	11/15/16	CE	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	11/15/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/15/16	CE	SW8081B

QA/QC Surrogates

% DCBP	91			%	2	11/15/16	CE	40 - 140 %
% TCMX	59			%	2	11/15/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
2-Chlorotoluene	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
2-Hexanone	ND	22	4.5	ug/Kg	1	11/14/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
4-Chlorotoluene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	22	4.5	ug/Kg	1	11/14/16	JLI	SW8260C
Acetone	64	S 22	4.5	ug/Kg	1	11/14/16	JLI	SW8260C
Acrylonitrile	ND	8.9	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
Benzene	240	60	31	ug/Kg	50	11/13/16	JLI	SW8260C
Bromobenzene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
Bromochloromethane	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
Bromodichloromethane	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
Bromoform	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
Bromomethane	ND	4.5	1.8	ug/Kg	1	11/14/16	JLI	SW8260C
Carbon Disulfide	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
Carbon tetrachloride	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
Chlorobenzene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
Chloroethane	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
Chloroform	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
Chloromethane	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
Dibromochloromethane	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
Dibromomethane	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
Ethylbenzene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
Isopropylbenzene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
m&p-Xylene	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	27	4.5	ug/Kg	1	11/14/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	760	610	61	ug/Kg	50	11/13/16	JLI	SW8260C
Methylene chloride	ND	4.5	4.5	ug/Kg	1	11/14/16	JLI	SW8260C
Naphthalene	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
n-Butylbenzene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
o-Xylene	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
sec-Butylbenzene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
Styrene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
tert-Butylbenzene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
Tetrachloroethene	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.9	2.2	ug/Kg	1	11/14/16	JLI	SW8260C
Toluene	120	J 310	31	ug/Kg	50	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.9	2.2	ug/Kg	1	11/14/16	JLI	SW8260C
Trichloroethene	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.5	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
Vinyl chloride	ND	4.5	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	11/14/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/14/16	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	11/14/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/14/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	67	36	ug/kg	1	11/14/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	11/14/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/14/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/14/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	18	0.89	ug/Kg	1	11/14/16	JLI	SW8260C
Acrolein	ND	18	2.2	ug/Kg	1	11/14/16	JLI	SW8260C
Acrylonitrile	ND	18	0.45	ug/Kg	1	11/14/16	JLI	SW8260C
Tert-butyl alcohol	ND	89	18	ug/Kg	1	11/14/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	260	91	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	260	260	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	260	230	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	370	730	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	220	73	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	370	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	330	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	370	220	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	300	180	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	380	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	180	J 260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	300	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	1800	730	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	260	94	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	180	99	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	170	J 260	110	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	180	150	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	420	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	260	97	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	260	94	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	530	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobutadiene	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	180	J 260	120	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	910	180	100	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	130	J 260	110	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	180	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	500	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	580	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	260	90	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	50			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	67			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	40			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	59			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	60			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	64			%	1	11/12/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

Pesticide Comment:

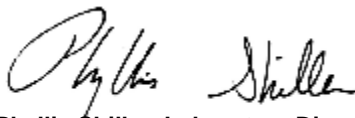
Due to matrix interference caused by the presence of PCBs in the sample, an elevated RL was reported.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81847

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B14 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	4300	36	7.2	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	1.16	0.72	0.72	mg/Kg	1	11/13/16	LK	SW6010C
Barium	22.4	0.7	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	0.21	B 0.29	0.14	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	826	3.6	3.3	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	ND	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	4.08	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	11.3	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Copper	9.43	0.36	0.36	mg/kg	1	11/13/16	LK	SW6010C
Iron	11400	36	36	mg/Kg	10	11/13/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	476	N 7	2.8	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	1670	3.6	3.6	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	257	3.6	3.6	mg/Kg	10	11/13/16	LK	SW6010C
Sodium	104	7	3.1	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	9.18	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Lead	1.1	0.7	0.37	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	1.8	1.8	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.4	1.2	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.4	1.4	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	15.2	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	45.1	0.7	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Percent Solid	83			%		11/11/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/11/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					11/11/16	NC/V	SW3545A
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	80	80	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	80	80	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	80	80	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	80	80	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	80	80	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	80	80	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	80	80	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	80	80	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	80	80	ug/Kg	2	11/14/16	AW	SW8082A

QA/QC Surrogates

% DCBP	79			%	2	11/14/16	AW	40 - 140 %
% TCMX	77			%	2	11/14/16	AW	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
1,2,4-Trimethylbenzene	9.2	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
1,3,5-Trimethylbenzene	2.4	J 3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
2-Chlorotoluene	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
2-Hexanone	ND	19	3.9	ug/Kg	1	11/14/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
4-Chlorotoluene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	19	3.9	ug/Kg	1	11/14/16	JLI	SW8260C
Acetone	19	JS 19	3.9	ug/Kg	1	11/14/16	JLI	SW8260C
Acrylonitrile	ND	7.7	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
Benzene	0.99	J 3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Bromobenzene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Bromochloromethane	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Bromodichloromethane	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromoform	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
Bromomethane	ND	3.9	1.5	ug/Kg	1	11/14/16	JLI	SW8260C
Carbon Disulfide	1.4	J 3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
Carbon tetrachloride	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
Chlorobenzene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Chloroethane	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Chloroform	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Chloromethane	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Dibromochloromethane	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
Dibromomethane	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Ethylbenzene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Isopropylbenzene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
m&p-Xylene	5.6	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	23	3.9	ug/Kg	1	11/14/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	49	7.7	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
Methylene chloride	ND	3.9	3.9	ug/Kg	1	11/14/16	JLI	SW8260C
Naphthalene	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
n-Butylbenzene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
n-Propylbenzene	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
o-Xylene	2.4	J 3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
sec-Butylbenzene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Styrene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
tert-Butylbenzene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Tetrachloroethene	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.7	1.9	ug/Kg	1	11/14/16	JLI	SW8260C
Toluene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.7	1.9	ug/Kg	1	11/14/16	JLI	SW8260C
Trichloroethene	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.9	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Vinyl chloride	ND	3.9	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/14/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/14/16	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	11/14/16	JLI	70 - 130 %
% Toluene-d8	102			%	1	11/14/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	58	31	ug/kg	1	11/14/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/14/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/14/16	JLI	70 - 130 %
% Toluene-d8	102			%	1	11/14/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	15	0.77	ug/Kg	1	11/14/16	JLI	SW8260C
Acrolein	ND	15	1.9	ug/Kg	1	11/14/16	JLI	SW8260C
Acrylonitrile	ND	15	0.39	ug/Kg	1	11/14/16	JLI	SW8260C
Tert-butyl alcohol	ND	77	15	ug/Kg	1	11/14/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	220	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	270	97	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	150	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Chlorophenol	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	270	270	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	270	250	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	390	790	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	79	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	390	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	390	180	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	310	310	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	390	230	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	2000	790	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	270	100	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	270	100	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	200	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Nitrobenzene	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	270	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	ND	270	140	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	270	97	ug/Kg	1	11/12/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	67			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	70			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	58			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	67			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	69			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	73			%	1	11/12/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

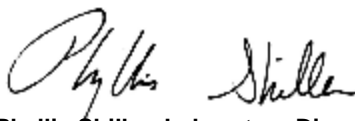
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81848

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B14 (14-16)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.42	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	3360	42	8.4	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	ND	0.84	0.84	mg/Kg	1	11/13/16	LK	SW6010C
Barium	18.6	0.8	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	ND	0.33	0.17	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	621	4.2	3.8	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	ND	0.42	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	3.63	0.42	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	6.65	0.42	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Copper	7.14	0.42	0.42	mg/kg	1	11/13/16	LK	SW6010C
Iron	7050	4.2	4.2	mg/Kg	1	11/13/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	552	N 8	3.3	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	1370	4.2	4.2	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	120	0.42	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Sodium	88	8	3.6	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	7.35	0.42	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Lead	0.8	B 0.8	0.40	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	2.0	2.0	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.7	1.4	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.7	1.7	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	10.6	0.42	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	24.3	0.8	0.42	mg/Kg	1	11/13/16	LK	SW6010C
Percent Solid	83			%		11/11/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	1.0	J 4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
2-Hexanone	ND	25	4.9	ug/Kg	1	11/13/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	25	4.9	ug/Kg	1	11/13/16	JLI	SW8260C
Acetone	13	JS 25	4.9	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	9.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
Benzene	1.3	J 4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Bromobenzene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Bromochloromethane	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
Bromoform	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
Bromomethane	ND	4.9	2.0	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon Disulfide	1.9	J 4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
Chlorobenzene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroethane	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroform	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Chloromethane	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromomethane	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Ethylbenzene	0.90	J 4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Isopropylbenzene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	2.0	J 4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	4.9	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	9.5	J 9.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
Methylene chloride	ND	4.9	4.9	ug/Kg	1	11/13/16	JLI	SW8260C
Naphthalene	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
n-Butylbenzene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
n-Propylbenzene	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
o-Xylene	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
sec-Butylbenzene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Styrene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrachloroethene	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.9	2.5	ug/Kg	1	11/13/16	JLI	SW8260C
Toluene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.9	2.5	ug/Kg	1	11/13/16	JLI	SW8260C
Trichloroethene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.9	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Vinyl chloride	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	74	40	ug/kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	11/13/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	20	0.99	ug/Kg	1	11/13/16	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	20	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
Tert-butyl alcohol	ND	99	20	ug/Kg	1	11/13/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	280	99	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	280	280	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	400	800	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	240	80	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	320	190	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	400	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	400	180	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	400	240	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	2000	800	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	200	160	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	200	110	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D
Nitrobenzene	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	280	98	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	68			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	66			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	54			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	56			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	65			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	75			%	1	11/12/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

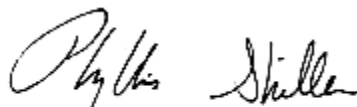
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81849

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B20 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	6120	36	7.2	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	3.15	0.72	0.72	mg/Kg	1	11/13/16	LK	SW6010C
Barium	53.6	0.7	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	0.45	0.29	0.14	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	14900	36	33	mg/Kg	10	11/13/16	LK	SW6010C
Cadmium	0.83	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	7.07	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	17.5	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Copper	41.9	0.36	0.36	mg/kg	1	11/13/16	LK	SW6010C
Iron	22300	36	36	mg/Kg	10	11/13/16	LK	SW6010C
Mercury	0.71	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	1340	N 7	2.8	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	8070	36	36	mg/Kg	10	11/13/16	LK	SW6010C
Manganese	584	3.6	3.6	mg/Kg	10	11/13/16	LK	SW6010C
Sodium	361	7	3.1	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	13.2	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Lead	68.4	0.7	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Antimony	ND	1.7	1.7	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.4	1.2	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.4	1.4	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	29.2	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	78.4	0.7	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Percent Solid	92			%		11/11/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/11/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					11/11/16	NC/V	SW3545A
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A

QA/QC Surrogates

% DCBP	85			%	2	11/14/16	AW	40 - 140 %
% TCMX	82			%	2	11/14/16	AW	40 - 140 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/15/16	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	11/15/16	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	11/15/16	CE	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	11/15/16	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	11/15/16	CE	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Chlordane	ND	36	36	ug/Kg	2	11/15/16	CE	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Endrin	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Endrin aldehyde	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/15/16	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	11/15/16	CE	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	11/15/16	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	11/15/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/15/16	CE	SW8081B

QA/QC Surrogates

% DCBP	90			%	2	11/15/16	CE	40 - 140 %
% TCMX	70			%	2	11/15/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
2-Hexanone	ND	13	2.5	ug/Kg	1	11/13/16	JLI	SW8260C
2-Isopropyltoluene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	13	2.5	ug/Kg	1	11/13/16	JLI	SW8260C
Acetone	ND	13	2.5	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Benzene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Bromobenzene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Bromochloromethane	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Bromoform	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Bromomethane	ND	2.5	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon Disulfide	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Chlorobenzene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroethane	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroform	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Chloromethane	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromomethane	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Ethylbenzene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Isopropylbenzene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
m&p-Xylene	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	15	2.5	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Methylene chloride	ND	2.5	2.5	ug/Kg	1	11/13/16	JLI	SW8260C
Naphthalene	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
n-Butylbenzene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
o-Xylene	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
p-Isopropyltoluene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
sec-Butylbenzene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Styrene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrachloroethene	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	5.0	1.3	ug/Kg	1	11/13/16	JLI	SW8260C
Toluene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	1.3	ug/Kg	1	11/13/16	JLI	SW8260C
Trichloroethene	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	2.5	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Vinyl chloride	ND	2.5	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	38	20	ug/kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	10	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Acrolein	ND	10	1.3	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	10	0.25	ug/Kg	1	11/13/16	JLI	SW8260C
Tert-butyl alcohol	ND	50	10	ug/Kg	1	11/13/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	250	250	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	360	710	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	210	71	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	360	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	360	210	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	1800	710	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	250	92	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	180	96	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	180	140	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	250	95	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	250	92	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	160	J 250	120	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	180	100	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	180	100	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	210	130	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	160	J 250	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	250	88	ug/Kg	1	11/12/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	70			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	71			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	54			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	62			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	67			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	79			%	1	11/12/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

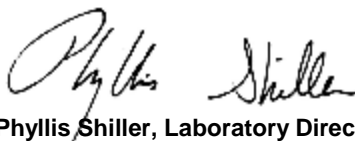
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81850

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: 15B20 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	3090	37	7.4	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	ND	0.74	0.74	mg/Kg	1	11/13/16	LK	SW6010C
Barium	20.0	0.7	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	0.15	B 0.29	0.15	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	423	3.7	3.4	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	ND	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	3.22	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	5.66	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Copper	5.90	0.37	0.37	mg/kg	1	11/13/16	LK	SW6010C
Iron	7000	3.7	3.7	mg/Kg	1	11/13/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	377	N 7	2.9	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	1240	3.7	3.7	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	82.1	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Sodium	60	7	3.2	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	6.18	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Lead	1.2	0.8	0.39	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	2.0	2.0	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.5	1.3	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.5	1.5	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	7.69	0.37	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	11.9	0.7	0.37	mg/Kg	1	11/13/16	LK	SW6010C
Percent Solid	87			%		11/11/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/11/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					11/11/16	NC/V	SW3545A
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	76	76	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	76	76	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	76	76	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	76	76	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	76	76	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	76	76	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	76	76	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	76	76	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	76	76	ug/Kg	2	11/14/16	AW	SW8082A

QA/QC Surrogates

% DCBP	65			%	2	11/14/16	AW	40 - 140 %
% TCMX	61			%	2	11/14/16	AW	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
2-Hexanone	ND	21	4.3	ug/Kg	1	11/13/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	21	4.3	ug/Kg	1	11/13/16	JLI	SW8260C
Acetone	ND	21	4.3	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	8.5	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
Benzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Bromobenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Bromochloromethane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromoform	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
Bromomethane	ND	4.3	1.7	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon Disulfide	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
Chlorobenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroethane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroform	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Chloromethane	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromomethane	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Ethylbenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Isopropylbenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
m&p-Xylene	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	26	4.3	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.5	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
Methylene chloride	ND	4.3	4.3	ug/Kg	1	11/13/16	JLI	SW8260C
Naphthalene	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
n-Butylbenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
n-Propylbenzene	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
o-Xylene	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
sec-Butylbenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Styrene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrachloroethene	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.5	2.1	ug/Kg	1	11/13/16	JLI	SW8260C
Toluene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.5	2.1	ug/Kg	1	11/13/16	JLI	SW8260C
Trichloroethene	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.3	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Vinyl chloride	ND	4.3	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	64	34	ug/kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	17	0.85	ug/Kg	1	11/13/16	JLI	SW8260C
Acrolein	ND	17	2.1	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	17	0.43	ug/Kg	1	11/13/16	JLI	SW8260C
Tert-butyl alcohol	ND	85	17	ug/Kg	1	11/13/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	260	260	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	260	240	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	370	740	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	220	74	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	300	170	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	370	120	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	370	220	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	1900	740	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	190	150	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	260	99	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	260	96	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	190	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobutadiene	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	190	110	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	190	100	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Nitrobenzene	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	260	91	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	73			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	78			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	59			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	66			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	68			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	81			%	1	11/12/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

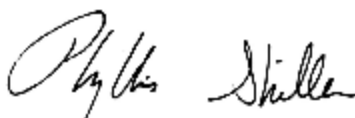
Comments:

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81851

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: SOIL DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Aluminum	3140	36	7.2	mg/Kg	10	11/13/16	LK	SW6010C
Arsenic	ND	0.72	0.72	mg/Kg	1	11/13/16	LK	SW6010C
Barium	18.5	0.7	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Beryllium	0.15	B 0.29	0.14	mg/Kg	1	11/13/16	LK	SW6010C
Calcium	468	3.6	3.3	mg/Kg	1	11/13/16	LK	SW6010C
Cadmium	ND	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Cobalt	3.40	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Chromium	5.49	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Copper	6.22	0.36	0.36	mg/kg	1	11/13/16	LK	SW6010C
Iron	7510	3.6	3.6	mg/Kg	1	11/13/16	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B
Potassium	344	N 7	2.8	mg/Kg	1	11/13/16	LK	SW6010C
Magnesium	1230	3.6	3.6	mg/Kg	1	11/13/16	LK	SW6010C
Manganese	219	3.6	3.6	mg/Kg	10	11/13/16	LK	SW6010C
Sodium	59	7	3.1	mg/Kg	1	11/13/16	LK	SW6010C
Nickel	6.41	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Lead	1.0	0.8	0.39	mg/Kg	1	11/15/16	LK	SW6010C
Antimony	ND	2.0	2.0	mg/Kg	1	11/15/16	LK	SW6010C
Selenium	ND	1.4	1.2	mg/Kg	1	11/13/16	LK	SW6010C
Thallium	ND	1.4	1.4	mg/Kg	1	11/13/16	LK	SW6010C
Vanadium	8.92	0.36	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Zinc	12.3	0.7	0.36	mg/Kg	1	11/13/16	LK	SW6010C
Percent Solid	87			%		11/11/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					11/11/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					11/11/16	NC/V	SW3545A
Soil Extraction for SVOA	Completed					11/11/16	NJ/CKV	SW3545A
Mercury Digestion	Completed					11/14/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/14/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A

QA/QC Surrogates

% DCBP	61			%	2	11/14/16	AW	40 - 140 %
% TCMX	71			%	2	11/14/16	AW	40 - 140 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/15/16	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	11/15/16	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	11/15/16	CE	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	11/15/16	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	11/15/16	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	11/15/16	CE	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	11/15/16	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	11/15/16	CE	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	11/15/16	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	11/15/16	CE	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	11/15/16	CE	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	11/15/16	CE	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	11/15/16	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/15/16	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	11/15/16	CE	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	11/15/16	CE	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	11/15/16	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	11/15/16	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/15/16	CE	SW8081B

QA/QC Surrogates

% DCBP	96			%	2	11/15/16	CE	40 - 140 %
% TCMX	76			%	2	11/15/16	CE	40 - 140 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
2-Hexanone	ND	23	4.7	ug/Kg	1	11/13/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	23	4.7	ug/Kg	1	11/13/16	JLI	SW8260C
Acetone	ND	23	4.7	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	9.3	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
Benzene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Bromobenzene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Bromochloromethane	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
Bromoform	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
Bromomethane	ND	4.7	1.9	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon Disulfide	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
Chlorobenzene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroethane	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroform	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Chloromethane	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromomethane	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Ethylbenzene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Isopropylbenzene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
m&p-Xylene	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	28	4.7	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.3	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
Methylene chloride	ND	4.7	4.7	ug/Kg	1	11/13/16	JLI	SW8260C
Naphthalene	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
n-Butylbenzene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
o-Xylene	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
sec-Butylbenzene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Styrene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrachloroethene	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.3	2.3	ug/Kg	1	11/13/16	JLI	SW8260C
Toluene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.3	2.3	ug/Kg	1	11/13/16	JLI	SW8260C
Trichloroethene	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.7	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Vinyl chloride	ND	4.7	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	70	37	ug/kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	11/13/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	19	0.93	ug/Kg	1	11/13/16	JLI	SW8260C
Acrolein	ND	19	2.3	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	19	0.47	ug/Kg	1	11/13/16	JLI	SW8260C
Tert-butyl alcohol	ND	93	19	ug/Kg	1	11/13/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	1	11/12/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dimethylphenol	ND	260	93	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	11/12/16	DD	SW8270D
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	11/12/16	DD	SW8270D
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitroaniline	ND	260	260	ug/Kg	1	11/12/16	DD	SW8270D
2-Nitrophenol	ND	260	240	ug/Kg	1	11/12/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	11/12/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	11/12/16	DD	SW8270D
3-Nitroaniline	ND	380	750	ug/Kg	1	11/12/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	230	75	ug/Kg	1	11/12/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Chloroaniline	ND	300	180	ug/Kg	1	11/12/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitroaniline	ND	380	130	ug/Kg	1	11/12/16	DD	SW8270D
4-Nitrophenol	ND	380	170	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Acenaphthylene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	11/12/16	DD	SW8270D
Anthracene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benz(a)anthracene	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzidine	ND	380	220	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(a)pyrene	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Benzoic acid	ND	1900	750	ug/Kg	1	11/12/16	DD	SW8270D
Benzyl butyl phthalate	ND	260	97	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Carbazole	ND	190	150	ug/Kg	1	11/12/16	DD	SW8270D
Chrysene	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-butylphthalate	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
Di-n-octylphthalate	ND	260	97	ug/Kg	1	11/12/16	DD	SW8270D
Fluoranthene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobenzene	ND	190	110	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorobutadiene	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Hexachloroethane	ND	190	110	ug/Kg	1	11/12/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Isophorone	ND	190	110	ug/Kg	1	11/12/16	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	230	140	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	ND	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	260	93	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	86			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	53			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	64			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	65			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	77			%	1	11/12/16	DD	30 - 130 %

1 = This parameter is not certified by 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 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:

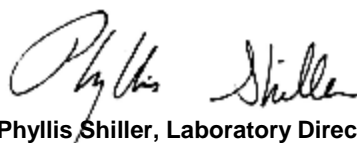
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/10/16
 11/11/16 18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81852

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					11/10/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
1,1-Dichloroethene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	25	25	ug/Kg	50	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
2-Hexanone	ND	1300	250	ug/Kg	50	11/13/16	JLI	SW8260C
2-Isopropyltoluene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	11/13/16	JLI	SW8260C
Acetone	ND	250	250	ug/Kg	50	11/13/16	JLI	SW8260C
Acrylonitrile	ND	500	50	ug/Kg	50	11/13/16	JLI	SW8260C
Benzene	ND	60	25	ug/Kg	50	11/13/16	JLI	SW8260C
Bromobenzene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
Bromochloromethane	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
Bromoform	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
Bromomethane	ND	250	100	ug/Kg	50	11/13/16	JLI	SW8260C
Carbon Disulfide	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
Chlorobenzene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
Chloroethane	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
Chloroform	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
Chloromethane	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
Dibromomethane	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
Ethylbenzene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
Isopropylbenzene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
m&p-Xylene	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	250	250	ug/Kg	50	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	500	50	ug/Kg	50	11/13/16	JLI	SW8260C
Methylene chloride	ND	250	250	ug/Kg	50	11/13/16	JLI	SW8260C
Naphthalene	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
n-Butylbenzene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
n-Propylbenzene	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
o-Xylene	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
p-Isopropyltoluene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
sec-Butylbenzene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
Styrene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
Tetrachloroethene	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	11/13/16	JLI	SW8260C
Toluene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	190	25	ug/Kg	50	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	11/13/16	JLI	SW8260C
Trichloroethene	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	250	50	ug/Kg	50	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	11/13/16	JLI	SW8260C
Vinyl chloride	ND	25	25	ug/Kg	50	11/13/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	50	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	50	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	94			%	50	11/13/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	50	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	2000	2000	ug/kg	50	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	50	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	50	11/13/16	JLI	70 - 130 %
% Toluene-d8	100			%	50	11/13/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1000	50	ug/Kg	50	11/13/16	JLI	SW8260C
Acrolein	ND	1000	130	ug/Kg	50	11/13/16	JLI	SW8260C
Acrylonitrile	ND	1000	25	ug/Kg	50	11/13/16	JLI	SW8260C
Tert-butyl alcohol	ND	5000	1000	ug/Kg	50	11/13/16	JLI	SW8260C

1 = This parameter is not certified by 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 LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded 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.

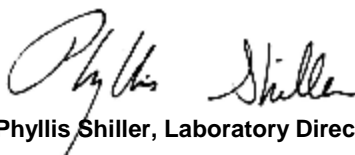
Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 28, 2016

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

11/10/16
 11/11/16

Time

18:03

Laboratory Data

SDG ID: GBV81835
 Phoenix ID: BV81853

Project ID: 1181 FLUSHING AVENUE BROOKLYN NY
 Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					11/10/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
2-Hexanone	ND	25	5.0	ug/Kg	1	11/13/16	JLI	SW8260C
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	11/13/16	JLI	SW8260C
Acetone	ND	25	5.0	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	10	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Benzene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Bromobenzene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Bromoform	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Bromomethane	ND	5.0	2.0	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroethane	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Chloroform	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Chloromethane	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Dibromomethane	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	5.0	ug/Kg	1	11/13/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Methylene chloride	ND	5.0	5.0	ug/Kg	1	11/13/16	JLI	SW8260C
Naphthalene	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
o-Xylene	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Styrene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	11/13/16	JLI	SW8260C
Toluene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	11/13/16	JLI	SW8260C
Trichloroethene	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	11/13/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	75	40	ug/kg	1	11/13/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/13/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	11/13/16	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	11/13/16	JLI	SW8260C
Acrylonitrile	ND	20	0.50	ug/Kg	1	11/13/16	JLI	SW8260C
Tert-butyl alcohol	ND	100	20	ug/Kg	1	11/13/16	JLI	SW8260C

1 = This parameter is not certified by 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 LOD=Limit of Detection MDL=Method Detection Limit

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:

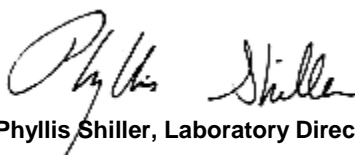
TRIP BLANK INCLUDED.

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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 28, 2016

Reviewed and Released by: Jon Carlson, Project Manager



Environmental Laboratories, Inc.
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QA/QC Report

November 28, 2016

QA/QC Data

SDG I.D.: GBV81835

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 366615 (mg/kg), QC Sample No: BV80886 (BV81835, BV81836, BV81837, BV81838, BV81839, BV81840, BV81841, BV81842)													
Mercury - Soil	BRL	0.03	0.12	0.78	NC	92.4	87.2	5.8	107			75 - 125	30
QA/QC Batch 366616 (mg/kg), QC Sample No: BV80887 (BV81843, BV81844, BV81845, BV81846, BV81847, BV81848, BV81849, BV81850, BV81851)													
Mercury - Soil	BRL	0.03	0.52	0.59	12.6	98.5	96.0	2.6	103			75 - 125	30
QA/QC Batch 366700 (mg/kg), QC Sample No: BV81940 (BV81835, BV81836, BV81837, BV81838, BV81839, BV81840, BV81841, BV81842, BV81843, BV81844, BV81845, BV81846, BV81847, BV81848, BV81849, BV81850, BV81851)													
ICP Metals - Soil													
Aluminum	BRL	5.0	3970	3830	3.60	91.3			NC			80 - 120	30
Antimony	BRL	3.3	<3.5	<4.0	NC	99.8			88.9			70 - 130	30
Arsenic	BRL	0.67	0.77	<0.79	NC	87.7			85.1			80 - 120	30
Barium	BRL	0.33	51.9	44.6	15.1	88.9			98.6			80 - 120	30
Beryllium	BRL	0.27	0.17	<0.32	NC	93.5			93.6			80 - 120	30
Cadmium	BRL	0.33	<0.35	<0.40	NC	87.4			90.0			80 - 120	30
Calcium	BRL	5.0	650	652	0.30	92.8			122			80 - 120	30
Chromium	BRL	0.33	9.34	9.00	3.70	96.5			94.3			80 - 120	30
Cobalt	BRL	0.33	2.79	2.40	15.0	95.6			95.2			80 - 120	30
Copper	BRL	0.33	2.97	2.20	29.8	83.8			96.0			80 - 120	30
Iron	BRL	5.0	4280	4530	5.70	93.1			NC			80 - 120	30
Lead	BRL	0.33	1.9	2.44	NC	93.1			95.9			80 - 120	30
Magnesium	BRL	5.0	898	694	25.6	98.2			NC			80 - 120	30
Manganese	BRL	0.33	35.9	32.4	10.2	86.3			93.8			80 - 120	30
Nickel	BRL	0.33	5.29	4.32	20.2	98.8			95.7			80 - 120	30
Potassium	BRL	5.0	316	281	11.7	103			>130			80 - 120	30 m
Selenium	BRL	1.3	<1.4	<1.6	NC	76.2			91.9			80 - 120	30 l
Silver	BRL	0.33	<0.35	<0.40	NC	90.6			89.0			70 - 130	30
Sodium	BRL	5.0	131	134	2.30	103			121			80 - 120	30
Thallium	BRL	3.0	<3.2	<3.6	NC	95.9			93.6			80 - 120	30
Vanadium	BRL	0.33	9.76	10.0	2.40	102			96.7			80 - 120	30
Zinc	BRL	0.33	18.4	17.3	6.20	92.8			95.2			80 - 120	30

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
 m = This parameter is outside laboratory MS/MSD specified recovery limits.



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QA/QC Report

November 28, 2016

QA/QC Data

SDG I.D.: GBV81835

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 366775 (ug/kg), QC Sample No: BV78555 (BV81845)										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	5.0	101	110	8.5	106	110	3.7	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	89	94	5.5	98	99	1.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	95	101	6.1	102	102	0.0	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	90	95	5.4	98	98	0.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	86	92	6.7	100	97	3.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	93	98	5.2	76	74	2.7	70 - 130	30
1,1-Dichloropropene	ND	5.0	92	97	5.3	101	101	0.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	91	82	10.4	102	107	4.8	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	91	99	8.4	99	100	1.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	95	93	2.1	101	106	4.8	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	95	98	3.1	103	104	1.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	95	104	9.0	97	101	4.0	70 - 130	30
1,2-Dibromoethane	ND	5.0	96	102	6.1	103	104	1.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	92	96	4.3	101	102	1.0	70 - 130	30
1,2-Dichloroethane	ND	5.0	93	97	4.2	101	102	1.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	92	97	5.3	100	100	0.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	96	100	4.1	106	107	0.9	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	94	97	3.1	102	103	1.0	70 - 130	30
1,3-Dichloropropane	ND	5.0	94	101	7.2	103	103	0.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	94	96	2.1	101	102	1.0	70 - 130	30
1,4-dioxane	ND	100	87	94	7.7	106	106	0.0	70 - 130	30
2,2-Dichloropropane	ND	5.0	95	100	5.1	103	103	0.0	70 - 130	30
2-Chlorotoluene	ND	5.0	95	100	5.1	104	105	1.0	70 - 130	30
2-Hexanone	ND	25	77	84	8.7	86	85	1.2	70 - 130	30
2-Isopropyltoluene	ND	5.0	93	97	4.2	105	105	0.0	70 - 130	30
4-Chlorotoluene	ND	5.0	92	96	4.3	100	101	1.0	70 - 130	30
4-Methyl-2-pentanone	ND	25	79	83	4.9	88	87	1.1	70 - 130	30
Acetone	ND	10	66	69	4.4	63	58	8.3	70 - 130	30
Acrolein	ND	25	105	113	7.3	91	89	2.2	70 - 130	30
Acrylonitrile	ND	5.0	78	84	7.4	102	102	0.0	70 - 130	30
Benzene	ND	1.0	92	97	5.3	101	100	1.0	70 - 130	30
Bromobenzene	ND	5.0	94	99	5.2	100	103	3.0	70 - 130	30
Bromochloromethane	ND	5.0	91	96	5.3	100	100	0.0	70 - 130	30
Bromodichloromethane	ND	5.0	97	101	4.0	102	104	1.9	70 - 130	30
Bromoform	ND	5.0	103	110	6.6	103	107	3.8	70 - 130	30
Bromomethane	ND	5.0	92	83	10.3	69	75	8.3	70 - 130	30
Carbon Disulfide	ND	5.0	102	109	6.6	80	80	0.0	70 - 130	30
Carbon tetrachloride	ND	5.0	96	104	8.0	98	103	5.0	70 - 130	30
Chlorobenzene	ND	5.0	94	99	5.2	103	104	1.0	70 - 130	30
Chloroethane	ND	5.0	90	92	2.2	40	41	2.5	70 - 130	30
Chloroform	ND	5.0	89	94	5.5	100	100	0.0	70 - 130	30

QA/QC Data

SDG I.D.: GBV81835

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
Chloromethane	ND	5.0	85	93	9.0	95	94	1.1	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	91	96	5.3	101	101	0.0	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	95	100	5.1	101	101	0.0	70 - 130	30
Dibromochloromethane	ND	3.0	105	114	8.2	108	111	2.7	70 - 130	30
Dibromomethane	ND	5.0	91	95	4.3	99	99	0.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	103	108	4.7	114	115	0.9	70 - 130	30
Ethylbenzene	ND	1.0	95	102	7.1	107	108	0.9	70 - 130	30
Hexachlorobutadiene	ND	5.0	93	84	10.2	106	107	0.9	70 - 130	30
Isopropylbenzene	ND	1.0	94	102	8.2	105	107	1.9	70 - 130	30
m&p-Xylene	ND	2.0	95	103	8.1	104	104	0.0	70 - 130	30
Methyl ethyl ketone	ND	5.0	71	72	1.4	77	78	1.3	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	96	101	5.1	105	105	0.0	70 - 130	30
Methylene chloride	ND	5.0	92	98	6.3	98	98	0.0	70 - 130	30
Naphthalene	ND	5.0	97	92	5.3	103	112	8.4	70 - 130	30
n-Butylbenzene	ND	1.0	99	101	2.0	109	110	0.9	70 - 130	30
n-Propylbenzene	ND	1.0	92	98	6.3	103	103	0.0	70 - 130	30
o-Xylene	ND	2.0	95	101	6.1	106	107	0.9	70 - 130	30
p-Isopropyltoluene	ND	1.0	96	100	4.1	108	109	0.9	70 - 130	30
sec-Butylbenzene	ND	1.0	100	105	4.9	112	113	0.9	70 - 130	30
Styrene	ND	5.0	98	104	5.9	106	109	2.8	70 - 130	30
tert-butyl alcohol	ND	100	86	94	8.9	100	101	1.0	70 - 130	30
tert-Butylbenzene	ND	1.0	93	99	6.3	104	106	1.9	70 - 130	30
Tetrachloroethene	ND	5.0	93	96	3.2	101	100	1.0	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	82	85	3.6	93	92	1.1	70 - 130	30
Toluene	ND	1.0	92	96	4.3	102	101	1.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	97	102	5.0	103	104	1.0	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	95	100	5.1	101	102	1.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	98	106	7.8	104	104	0.0	70 - 130	30
Trichloroethene	ND	5.0	95	98	3.1	104	103	1.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	86	91	5.6	27	27	0.0	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	97	101	4.0	83	83	0.0	70 - 130	30
Vinyl chloride	ND	5.0	90	97	7.5	100	101	1.0	70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	99	100	1.0	99	99	0.0	70 - 130	30
% Bromofluorobenzene	99	%	100	101	1.0	102	102	0.0	70 - 130	30
% Dibromofluoromethane	96	%	99	98	1.0	95	96	1.0	70 - 130	30
% Toluene-d8	100	%	100	100	0.0	100	99	1.0	70 - 130	30

m

QA/QC Batch 366544 (ug/Kg), QC Sample No: BV81728 2X (BV81835, BV81836, BV81838, BV81839, BV81840, BV81842)

Pesticides - Soil

4,4' -DDD	ND	1.7	116	102	12.8	68	65	4.5	40 - 140	30
4,4' -DDE	ND	1.7	111	97	13.5	63	67	6.2	40 - 140	30
4,4' -DDT	ND	1.7	116	102	12.8	67	61	9.4	40 - 140	30
a-BHC	ND	1.0	99	89	10.6	68	57	17.6	40 - 140	30
a-Chlordane	ND	3.3	103	91	12.4	59	61	3.3	40 - 140	30
Aldrin	ND	1.0	103	90	13.5	64	62	3.2	40 - 140	30
b-BHC	ND	1.0	99	88	11.8	85	81	4.8	40 - 140	30
Chlordane	ND	33	107	93	14.0	59	57	3.4	40 - 140	30
d-BHC	ND	3.3	109	100	8.6	76	71	6.8	40 - 140	30
Dieldrin	ND	1.0	115	101	13.0	68	61	10.9	40 - 140	30
Endosulfan I	ND	3.3	113	100	12.2	64	65	1.6	40 - 140	30
Endosulfan II	ND	3.3	118	104	12.6	69	62	10.7	40 - 140	30
Endosulfan sulfate	ND	3.3	120	115	4.3	67	62	7.8	40 - 140	30
Endrin	ND	3.3	116	103	11.9	74	75	1.3	40 - 140	30

QA/QC Data

SDG I.D.: GBV81835

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
Endrin aldehyde	ND	3.3	100	88	12.8	65	61	6.3	40 - 140	30
Endrin ketone	ND	3.3	118	103	13.6	72	67	7.2	40 - 140	30
g-BHC	ND	1.0	102	90	12.5	70	68	2.9	40 - 140	30
g-Chlordane	ND	3.3	107	93	14.0	59	57	3.4	40 - 140	30
Heptachlor	ND	3.3	108	100	7.7	78	64	19.7	40 - 140	30
Heptachlor epoxide	ND	3.3	111	100	10.4	70	60	15.4	40 - 140	30
Methoxychlor	ND	3.3	120	107	11.5	70	67	4.4	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	118	%	118	105	11.7	70	70	0.0	40 - 140	30
% TCMX	92	%	88	82	7.1	73	70	4.2	40 - 140	30

Comment:

Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported as chlordane in the LCS, LCSD, MS and MSD.

QA/QC Batch 366545 (ug/Kg), QC Sample No: BV81728 2X (BV81835, BV81836, BV81838, BV81839, BV81840, BV81842)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	81	70	14.6	71	61	15.2	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	74	72	2.7	75	56	29.0	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	68	%	86	83	3.6	79	61	25.7	40 - 140	30
% TCMX (Surrogate Rec)	71	%	85	83	2.4	84	71	16.8	40 - 140	30

QA/QC Batch 366678 (ug/kg), QC Sample No: BV81838 (BV81836, BV81838 (1X, 50X) , BV81840 (250X) , BV81841, BV81843 (100X) , BV81846, BV81847)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	5.0	96	100	4.1	108	111	2.7	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	91	93	2.2	104	104	0.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	83	88	5.8	103	103	0.0	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	86	92	6.7	101	106	4.8	70 - 130	30
1,1-Dichloroethane	ND	5.0	96	98	2.1	101	101	0.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	94	98	4.2	83	80	3.7	70 - 130	30
1,1-Dichloropropene	ND	5.0	93	97	4.2	106	106	0.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	76	80	5.1	102	106	3.8	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	82	89	8.2	102	101	1.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	76	80	5.1	96	103	7.0	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	87	92	5.6	102	104	1.9	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	85	92	7.9	104	103	1.0	70 - 130	30
1,2-Dibromoethane	ND	5.0	90	95	5.4	105	105	0.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	83	87	4.7	100	101	1.0	70 - 130	30
1,2-Dichloroethane	ND	5.0	88	94	6.6	105	105	0.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	89	94	5.5	105	105	0.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	89	94	5.5	104	106	1.9	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	83	88	5.8	100	102	2.0	70 - 130	30
1,3-Dichloropropane	ND	5.0	88	93	5.5	104	104	0.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	82	86	4.8	97	101	4.0	70 - 130	30
1,4-dioxane	ND	100	82	89	8.2	107	96	10.8	70 - 130	30
2,2-Dichloropropane	ND	5.0	93	97	4.2	106	108	1.9	70 - 130	30
2-Chlorotoluene	ND	5.0	88	93	5.5	105	106	0.9	70 - 130	30

QA/QC Data

SDG I.D.: GBV81835

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2-Hexanone	ND	25	71	77	8.1	88	88	0.0	70 - 130	30	
2-Isopropyltoluene	ND	5.0	88	93	5.5	106	107	0.9	70 - 130	30	
4-Chlorotoluene	ND	5.0	84	88	4.7	100	102	2.0	70 - 130	30	
4-Methyl-2-pentanone	ND	25	73	79	7.9	92	93	1.1	70 - 130	30	
Acetone	ND	10	60	66	9.5	43	41	4.8	70 - 130	30	l,m
Acrolein	ND	25	90	96	6.5	101	95	6.1	70 - 130	30	
Acrylonitrile	ND	5.0	82	88	7.1	95	95	0.0	70 - 130	30	
Benzene	ND	1.0	91	95	4.3	104	105	1.0	70 - 130	30	
Bromobenzene	ND	5.0	86	90	4.5	102	103	1.0	70 - 130	30	
Bromochloromethane	ND	5.0	87	91	4.5	104	104	0.0	70 - 130	30	
Bromodichloromethane	ND	5.0	92	97	5.3	104	105	1.0	70 - 130	30	
Bromoform	ND	5.0	94	100	6.2	104	108	3.8	70 - 130	30	
Bromomethane	ND	5.0	92	92	0.0	74	81	9.0	70 - 130	30	
Carbon Disulfide	ND	5.0	101	106	4.8	86	84	2.4	70 - 130	30	
Carbon tetrachloride	ND	5.0	99	102	3.0	102	109	6.6	70 - 130	30	
Chlorobenzene	ND	5.0	89	94	5.5	104	105	1.0	70 - 130	30	
Chloroethane	ND	5.0	89	92	3.3	45	46	2.2	70 - 130	30	m
Chloroform	ND	5.0	89	92	3.3	104	105	1.0	70 - 130	30	
Chloromethane	ND	5.0	84	88	4.7	99	101	2.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	90	93	3.3	106	105	0.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	88	94	6.6	105	106	0.9	70 - 130	30	
Dibromochloromethane	ND	3.0	98	103	5.0	110	113	2.7	70 - 130	30	
Dibromomethane	ND	5.0	86	92	6.7	101	103	2.0	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	108	113	4.5	123	124	0.8	70 - 130	30	
Ethylbenzene	ND	1.0	92	97	5.3	107	108	0.9	70 - 130	30	
Hexachlorobutadiene	ND	5.0	88	91	3.4	108	105	2.8	70 - 130	30	
Isopropylbenzene	ND	1.0	91	96	5.3	107	107	0.0	70 - 130	30	
m&p-Xylene	ND	2.0	92	95	3.2	105	108	2.8	70 - 130	30	
Methyl ethyl ketone	ND	5.0	66	71	7.3	86	81	6.0	70 - 130	30	l
Methyl t-butyl ether (MTBE)	ND	1.0	90	95	5.4	109	109	0.0	70 - 130	30	
Methylene chloride	ND	5.0	89	92	3.3	104	103	1.0	70 - 130	30	
Naphthalene	ND	5.0	83	90	8.1	112	117	4.4	70 - 130	30	
n-Butylbenzene	ND	1.0	88	94	6.6	107	110	2.8	70 - 130	30	
n-Propylbenzene	ND	1.0	87	91	4.5	103	103	0.0	70 - 130	30	
o-Xylene	ND	2.0	91	95	4.3	107	107	0.0	70 - 130	30	
p-Isopropyltoluene	ND	1.0	89	95	6.5	109	110	0.9	70 - 130	30	
sec-Butylbenzene	ND	1.0	95	101	6.1	114	115	0.9	70 - 130	30	
Styrene	ND	5.0	93	97	4.2	108	111	2.7	70 - 130	30	
tert-butyl alcohol	ND	100	78	86	9.8	101	94	7.2	70 - 130	30	
tert-Butylbenzene	ND	1.0	91	96	5.3	109	109	0.0	70 - 130	30	
Tetrachloroethene	ND	5.0	91	97	6.4	104	106	1.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	77	82	6.3	97	97	0.0	70 - 130	30	
Toluene	ND	1.0	90	96	6.5	104	105	1.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	95	99	4.1	111	110	0.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	88	93	5.5	103	105	1.9	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	84	88	4.7	101	102	1.0	70 - 130	30	
Trichloroethene	ND	5.0	96	101	5.1	107	108	0.9	70 - 130	30	
Trichlorofluoromethane	ND	5.0	88	93	5.5	31	30	3.3	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	99	104	4.9	92	87	5.6	70 - 130	30	
Vinyl chloride	ND	5.0	92	95	3.2	107	109	1.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	%	99	101	2.0	100	99	1.0	70 - 130	30	
% Bromofluorobenzene	99	%	102	102	0.0	103	102	1.0	70 - 130	30	
% Dibromofluoromethane	96	%	100	98	2.0	99	96	3.1	70 - 130	30	

QA/QC Data

SDG I.D.: GBV81835

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
	Blank	RL									
% Toluene-d8	101	%	100	101	1.0	100	100	0.0	70 - 130	30	
QA/QC Batch 366556 (ug/Kg), QC Sample No: BV81841 (BV81835, BV81836, BV81837, BV81838, BV81839, BV81840, BV81841, BV81842, BV81843, BV81844, BV81845, BV81846, BV81847, BV81848, BV81849, BV81850, BV81851)											
Semivolatiles - Soil											
1,2,4,5-Tetrachlorobenzene	ND	230	62	64	3.2	52	67	25.2	30 - 130	30	
1,2,4-Trichlorobenzene	ND	230	63	67	6.2	54	71	27.2	30 - 130	30	
1,2-Dichlorobenzene	ND	180	56	61	8.5	47	62	27.5	30 - 130	30	
1,2-Diphenylhydrazine	ND	230	72	64	11.8	62	68	9.2	30 - 130	30	
1,3-Dichlorobenzene	ND	230	53	57	7.3	43	58	29.7	30 - 130	30	
1,4-Dichlorobenzene	ND	230	56	60	6.9	46	61	28.0	30 - 130	30	
2,4,5-Trichlorophenol	ND	230	73	83	12.8	60	79	27.3	30 - 130	30	
2,4,6-Trichlorophenol	ND	130	74	81	9.0	59	81	31.4	30 - 130	30	
2,4-Dichlorophenol	ND	130	70	73	4.2	58	75	25.6	30 - 130	30	
2,4-Dimethylphenol	ND	230	64	68	6.1	58	74	24.2	30 - 130	30	
2,4-Dinitrophenol	ND	230	22	<10	NC	29	59	68.2	30 - 130	30	
2,4-Dinitrotoluene	ND	130	79	82	3.7	69	84	19.6	30 - 130	30	
2,6-Dinitrotoluene	ND	130	79	82	3.7	68	86	23.4	30 - 130	30	
2-Chloronaphthalene	ND	230	70	78	10.8	60	76	23.5	30 - 130	30	
2-Chlorophenol	ND	230	63	70	10.5	54	71	27.2	30 - 130	30	
2-Methylnaphthalene	ND	230	63	66	4.7	54	66	20.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	68	71	4.3	56	75	29.0	30 - 130	30	
2-Nitroaniline	ND	330	77	66	15.4	70	74	5.6	30 - 130	30	
2-Nitrophenol	ND	230	65	68	4.5	55	65	16.7	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	71	76	6.8	60	78	26.1	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	61	67	9.4	56	69	20.8	30 - 130	30	
3-Nitroaniline	ND	330	69	71	2.9	60	69	14.0	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	49	28	54.5	55	87	45.1	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	79	83	4.9	70	86	20.5	30 - 130	30	
4-Chloro-3-methylphenol	ND	230	73	75	2.7	63	71	11.9	30 - 130	30	
4-Chloroaniline	ND	230	67	69	2.9	56	56	0.0	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	70	75	6.9	61	77	23.2	30 - 130	30	
4-Nitroaniline	ND	230	79	84	6.1	69	72	4.3	30 - 130	30	
4-Nitrophenol	ND	230	81	68	17.4	64	70	9.0	30 - 130	30	
Acenaphthene	ND	230	72	75	4.1	62	79	24.1	30 - 130	30	
Acenaphthylene	ND	130	72	74	2.7	61	78	24.5	30 - 130	30	
Acetophenone	ND	230	67	70	4.4	55	73	28.1	30 - 130	30	
Aniline	ND	330	57	64	11.6	51	56	9.3	30 - 130	30	
Anthracene	ND	230	79	82	3.7	66	83	22.8	30 - 130	30	
Benz(a)anthracene	ND	230	83	87	4.7	71	88	21.4	30 - 130	30	
Benzidine	ND	330	12	18	40.0	16	16	0.0	30 - 130	30	
Benzo(a)pyrene	ND	130	75	78	3.9	65	79	19.4	30 - 130	30	
Benzo(b)fluoranthene	ND	160	80	82	2.5	68	81	17.4	30 - 130	30	
Benzo(ghi)perylene	ND	230	82	85	3.6	69	79	13.5	30 - 130	30	
Benzo(k)fluoranthene	ND	230	74	78	5.3	66	81	20.4	30 - 130	30	
Benzoic Acid	ND	330	<10	<10	NC	<10	18	NC	30 - 130	30	
Benzyl butyl phthalate	ND	230	82	86	4.8	69	89	25.3	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	71	70	1.4	60	79	27.3	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	54	62	13.8	44	63	35.5	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	56	55	1.8	46	59	24.8	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	82	85	3.6	70	90	25.0	30 - 130	30	
Carbazole	ND	230	80	81	1.2	65	81	21.9	30 - 130	30	
Chrysene	ND	230	83	85	2.4	70	87	21.7	30 - 130	30	

QA/QC Data

SDG I.D.: GBV81835

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Dibenz(a,h)anthracene	ND	130	79	81	2.5	67	78	15.2	30 - 130	30
Dibenzofuran	ND	230	73	77	5.3	63	79	22.5	30 - 130	30
Diethyl phthalate	ND	230	78	78	0.0	67	80	17.7	30 - 130	30
Dimethylphthalate	ND	230	76	78	2.6	66	81	20.4	30 - 130	30
Di-n-butylphthalate	ND	230	88	87	1.1	67	87	26.0	30 - 130	30
Di-n-octylphthalate	ND	230	84	87	3.5	70	85	19.4	30 - 130	30
Fluoranthene	ND	230	76	82	7.6	65	83	24.3	30 - 130	30
Fluorene	ND	230	74	78	5.3	66	80	19.2	30 - 130	30
Hexachlorobenzene	ND	130	81	78	3.8	70	80	13.3	30 - 130	30
Hexachlorobutadiene	ND	230	59	62	5.0	49	63	25.0	30 - 130	30
Hexachlorocyclopentadiene	ND	230	59	64	8.1	38	53	33.0	30 - 130	30
Hexachloroethane	ND	130	53	58	9.0	44	57	25.7	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	80	83	3.7	67	79	16.4	30 - 130	30
Isophorone	ND	130	64	63	1.6	53	70	27.6	30 - 130	30
Naphthalene	ND	230	65	68	4.5	57	73	24.6	30 - 130	30
Nitrobenzene	ND	130	64	68	6.1	53	66	21.8	30 - 130	30
N-Nitrosodimethylamine	ND	230	47	49	4.2	39	50	24.7	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	72	75	4.1	60	79	27.3	30 - 130	30
N-Nitrosodiphenylamine	ND	130	78	82	5.0	68	85	22.2	30 - 130	30
Pentachloronitrobenzene	ND	230	77	77	0.0	66	77	15.4	30 - 130	30
Pentachlorophenol	ND	230	84	75	11.3	51	94	59.3	30 - 130	30
Phenanthrene	ND	130	77	80	3.8	64	81	23.4	30 - 130	30
Phenol	ND	230	63	70	10.5	55	71	25.4	30 - 130	30
Pyrene	ND	230	77	84	8.7	68	85	22.2	30 - 130	30
Pyridine	ND	230	35	35	0.0	31	36	14.9	30 - 130	30
% 2,4,6-Tribromophenol	81	%	85	70	19.4	67	72	7.2	30 - 130	30
% 2-Fluorobiphenyl	71	%	66	74	11.4	57	72	23.3	30 - 130	30
% 2-Fluorophenol	57	%	62	66	6.3	50	69	31.9	30 - 130	30
% Nitrobenzene-d5	63	%	66	69	4.4	55	71	25.4	30 - 130	30
% Phenol-d5	67	%	66	72	8.7	56	75	29.0	30 - 130	30
% Terphenyl-d14	76	%	77	82	6.3	66	85	25.2	30 - 130	30

QA/QC Batch 366557 (ug/Kg), QC Sample No: BV81845 2X (BV81843, BV81845, BV81846, BV81847, BV81849, BV81850, BV81851)

Pesticides - Soil

4,4' -DDD	ND	1.7	115	112	2.6	75	65	14.3	40 - 140	30
4,4' -DDE	ND	1.7	114	98	15.1	72	62	14.9	40 - 140	30
4,4' -DDT	ND	1.7	116	108	7.1	72	64	11.8	40 - 140	30
a-BHC	ND	1.0	104	91	13.3	70	59	17.1	40 - 140	30
a-Chlordane	ND	3.3	106	92	14.1	69	59	15.6	40 - 140	30
Aldrin	ND	1.0	99	99	0.0	76	58	26.9	40 - 140	30
b-BHC	ND	1.0	107	86	21.8	69	57	19.0	40 - 140	30
Chlordane	ND	3.3	110	95	14.6	69	60	14.0	40 - 140	30
d-BHC	ND	3.3	116	101	13.8	73	65	11.6	40 - 140	30
Dieldrin	ND	1.0	116	108	7.1	75	65	14.3	40 - 140	30
Endosulfan I	ND	3.3	114	99	14.1	73	63	14.7	40 - 140	30
Endosulfan II	ND	3.3	120	112	6.9	75	66	12.8	40 - 140	30
Endosulfan sulfate	ND	3.3	119	111	7.0	75	62	19.0	40 - 140	30
Endrin	ND	3.3	115	111	3.5	75	65	14.3	40 - 140	30
Endrin aldehyde	ND	3.3	92	88	4.4	59	48	20.6	40 - 140	30
Endrin ketone	ND	3.3	115	113	1.8	73	62	16.3	40 - 140	30
g-BHC	ND	1.0	106	98	7.8	69	58	17.3	40 - 140	30
g-Chlordane	ND	3.3	110	95	14.6	69	60	14.0	40 - 140	30

QA/QC Data

SDG I.D.: GBV81835

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
Heptachlor	ND	3.3	109	110	0.9	71	64	10.4	40 - 140	30
Heptachlor epoxide	ND	3.3	117	105	10.8	75	67	11.3	40 - 140	30
Methoxychlor	ND	3.3	110	109	0.9	72	64	11.8	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	94	%	109	105	3.7	72	65	10.2	40 - 140	30
% TCMX	79	%	86	89	3.4	66	57	14.6	40 - 140	30

Comment:

Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported as chlordane in the LCS, LCSD, MS and MSD.

QA/QC Batch 366558 (ug/Kg), QC Sample No: BV81845 2X (BV81843, BV81845, BV81846, BV81847, BV81849, BV81850, BV81851)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	74	75	1.3	61	57	6.8	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	72	78	8.0	62	62	0.0	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	83	%	95	103	8.1	81	83	2.4	40 - 140	30
% TCMX (Surrogate Rec)	78	%	91	95	4.3	75	71	5.5	40 - 140	30

QA/QC Batch 366672 (ug/kg), QC Sample No: BV81851 (BV81835, BV81836 (50X) , BV81837, BV81839, BV81840 (50X) , BV81842, BV81843 (50X) , BV81844, BV81846 (50X) , BV81848, BV81849, BV81850, BV81851, BV81852 (50X) , BV81853)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	5.0	101	105	3.9	101	99	2.0	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	90	94	4.3	94	92	2.2	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	95	97	2.1	86	83	3.6	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	93	97	4.2	88	85	3.5	70 - 130	30
1,1-Dichloroethane	ND	5.0	86	90	4.5	100	98	2.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	95	100	5.1	95	96	1.0	70 - 130	30
1,1-Dichloropropene	ND	5.0	94	98	4.2	95	94	1.1	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	92	98	6.3	70	66	5.9	70 - 130	30 m
1,2,3-Trichloropropane	ND	5.0	90	103	13.5	82	81	1.2	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	96	101	5.1	67	62	7.8	70 - 130	30 m
1,2,4-Trimethylbenzene	ND	1.0	95	98	3.1	88	87	1.1	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	94	100	6.2	83	79	4.9	70 - 130	30
1,2-Dibromoethane	ND	5.0	97	101	4.0	90	88	2.2	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	92	96	4.3	82	79	3.7	70 - 130	30
1,2-Dichloroethane	ND	5.0	93	97	4.2	91	89	2.2	70 - 130	30
1,2-Dichloropropane	ND	5.0	94	98	4.2	93	90	3.3	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	97	99	2.0	91	90	1.1	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	94	98	4.2	81	78	3.8	70 - 130	30
1,3-Dichloropropane	ND	5.0	95	98	3.1	89	89	0.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	93	97	4.2	80	76	5.1	70 - 130	30
1,4-dioxane	ND	100	90	91	1.1	91	88	3.4	70 - 130	30
2,2-Dichloropropane	ND	5.0	97	102	5.0	97	95	2.1	70 - 130	30
2-Chlorotoluene	ND	5.0	95	99	4.1	91	88	3.4	70 - 130	30
2-Hexanone	ND	25	79	80	1.3	69	68	1.5	70 - 130	30 m
2-Isopropyltoluene	ND	5.0	94	97	3.1	91	89	2.2	70 - 130	30
4-Chlorotoluene	ND	5.0	93	96	3.2	84	81	3.6	70 - 130	30

QA/QC Data

SDG I.D.: GBV81835

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Methyl-2-pentanone	ND	25	81	83	2.4	72	69	4.3	70 - 130	30	m
Acetone	ND	10	65	67	3.0	73	69	5.6	70 - 130	30	l,m
Acrolein	ND	25	110	109	0.9	88	86	2.3	70 - 130	30	
Acrylonitrile	ND	5.0	77	84	8.7	81	76	6.4	70 - 130	30	
Benzene	ND	1.0	95	98	3.1	95	92	3.2	70 - 130	30	
Bromobenzene	ND	5.0	95	97	2.1	86	84	2.4	70 - 130	30	
Bromochloromethane	ND	5.0	92	96	4.3	91	89	2.2	70 - 130	30	
Bromodichloromethane	ND	5.0	97	101	4.0	97	93	4.2	70 - 130	30	
Bromoform	ND	5.0	102	107	4.8	94	92	2.2	70 - 130	30	
Bromomethane	ND	5.0	94	96	2.1	89	84	5.8	70 - 130	30	
Carbon Disulfide	ND	5.0	104	108	3.8	105	103	1.9	70 - 130	30	
Carbon tetrachloride	ND	5.0	94	102	8.2	101	98	3.0	70 - 130	30	
Chlorobenzene	ND	5.0	96	99	3.1	90	90	0.0	70 - 130	30	
Chloroethane	ND	5.0	92	93	1.1	91	91	0.0	70 - 130	30	
Chloroform	ND	5.0	91	95	4.3	93	90	3.3	70 - 130	30	
Chloromethane	ND	5.0	86	90	4.5	89	89	0.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	93	97	4.2	94	92	2.2	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	98	102	4.0	92	89	3.3	70 - 130	30	
Dibromochloromethane	ND	3.0	106	108	1.9	100	98	2.0	70 - 130	30	
Dibromomethane	ND	5.0	92	97	5.3	89	85	4.6	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	107	112	4.6	113	112	0.9	70 - 130	30	
Ethylbenzene	ND	1.0	97	101	4.0	95	94	1.1	70 - 130	30	
Hexachlorobutadiene	ND	5.0	94	98	4.2	82	82	0.0	70 - 130	30	
Isopropylbenzene	ND	1.0	96	98	2.1	94	93	1.1	70 - 130	30	
m&p-Xylene	ND	2.0	95	100	5.1	97	95	2.1	70 - 130	30	
Methyl ethyl ketone	ND	5.0	72	73	1.4	62	60	3.3	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	96	100	4.1	94	91	3.2	70 - 130	30	
Methylene chloride	ND	5.0	92	96	4.3	96	96	0.0	70 - 130	30	
Naphthalene	ND	5.0	98	103	5.0	76	73	4.0	70 - 130	30	
n-Butylbenzene	ND	1.0	99	103	4.0	85	83	2.4	70 - 130	30	
n-Propylbenzene	ND	1.0	93	96	3.2	89	87	2.3	70 - 130	30	
o-Xylene	ND	2.0	96	100	4.1	94	93	1.1	70 - 130	30	
p-Isopropyltoluene	ND	1.0	98	101	3.0	91	89	2.2	70 - 130	30	
sec-Butylbenzene	ND	1.0	100	104	3.9	99	97	2.0	70 - 130	30	
Styrene	ND	5.0	99	103	4.0	94	92	2.2	70 - 130	30	
tert-butyl alcohol	ND	100	87	86	1.2	87	83	4.7	70 - 130	30	
tert-Butylbenzene	ND	1.0	95	98	3.1	97	95	2.1	70 - 130	30	
Tetrachloroethene	ND	5.0	98	101	3.0	93	91	2.2	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	83	84	1.2	74	71	4.1	70 - 130	30	
Toluene	ND	1.0	95	99	4.1	93	91	2.2	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	98	102	4.0	99	97	2.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	96	102	6.1	89	87	2.3	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	96	99	3.1	83	79	4.9	70 - 130	30	
Trichloroethene	ND	5.0	98	101	3.0	96	96	0.0	70 - 130	30	
Trichlorofluoromethane	ND	5.0	86	89	3.4	93	92	1.1	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	99	103	4.0	103	100	3.0	70 - 130	30	
Vinyl chloride	ND	5.0	92	96	4.3	96	94	2.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	100	100	0.0	99	99	0.0	70 - 130	30	
% Bromofluorobenzene	99	%	101	101	0.0	101	102	1.0	70 - 130	30	
% Dibromofluoromethane	97	%	99	101	2.0	98	99	1.0	70 - 130	30	
% Toluene-d8	100	%	101	100	1.0	100	100	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBV81835

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
-----------	-------	-----------	----------	-----------	------------	---------	----------	-----------	--------------------	--------------------

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

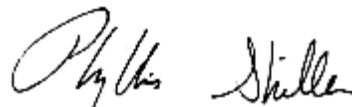
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

November 28, 2016

Monday, November 28, 2016

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

State: NY

Sample Criteria Exceedances Report

GBV81835 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV81835	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	530	250	500	500	500	ug/Kg
BV81835	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	530	250	500	500	500	ug/Kg
BV81835	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	530	250	500	500	500	ug/Kg
BV81835	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	72	2.2	3.3	3.3	3.3	ug/Kg
BV81835	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	100	11	3.3	3.3	3.3	ug/Kg
BV81835	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	76	11	3.3	3.3	3.3	ug/Kg
BV81835	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	71.0	0.37	50	50	50	mg/kg
BV81835	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.49	0.03	0.18	0.18	0.18	mg/Kg
BV81835	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	228	7.3	63	63	63	mg/Kg
BV81835	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	261	7.3	109	109	109	mg/Kg
BV81836	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	560	260	50	50	50	ug/Kg
BV81836	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	560	260	50	50	50	ug/Kg
BV81838	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	110	60	60	60	60	ug/Kg
BV81838	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	110	60	60	60	60	ug/Kg
BV81838	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	68.1	0.37	50	50	50	mg/kg
BV81838	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.45	0.03	0.18	0.18	0.18	mg/Kg
BV81838	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	196	7.4	63	63	63	mg/Kg
BV81838	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	269	7.4	109	109	109	mg/Kg
BV81840	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	3000	36	20	20	20	ug/Kg
BV81840	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	3000	36	210	210	210	ug/Kg
BV81840	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential Restricted	3000	36	900	900	900	ug/Kg
BV81840	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	3000	36	20	20	20	ug/Kg
BV81840	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	920	360	50	50	50	ug/Kg
BV81840	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	920	360	50	50	50	ug/Kg
BV81840	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	360	50	50	50	ug/Kg
BV81840	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	360	50	50	50	ug/Kg
BV81840	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	2300	190	190	190	190	ug/Kg
BV81840	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2300	190	190	190	190	ug/Kg
BV81840	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	27000	250	250	250	250	ug/Kg
BV81840	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	27000	250	250	250	250	ug/Kg
BV81840	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	360	120	120	120	ug/Kg
BV81840	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	360	120	120	120	ug/Kg
BV81840	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	1900	60	60	60	60	ug/Kg
BV81840	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1900	60	60	60	60	ug/Kg
BV81840	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	36	20	20	20	ug/Kg
BV81840	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	36	20	20	20	ug/Kg
BV81840	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Ground Water Protection	15000	700	700	700	700	ug/Kg
BV81840	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	15000	700	700	700	700	ug/Kg
BV81840	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	2400	360	1300	1300	1300	ug/Kg
BV81840	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2400	360	1300	1300	1300	ug/Kg

Monday, November 28, 2016

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

State: NY

Sample Criteria Exceedances Report

GBV81835 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV81840	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	4500	360	1000	1000	1000	ug/Kg
BV81840	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	4500	360	1000	1000	1000	ug/Kg
BV81840	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	16000	1800	3600	3600	3600	ug/Kg
BV81840	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	16000	1800	3600	3600	3600	ug/Kg
BV81840	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	720	260	500	500	500	ug/Kg
BV81840	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	720	260	500	500	500	ug/Kg
BV81840	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	720	260	500	500	500	ug/Kg
BV81840	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2900	100	100	100	ug/kg
BV81840	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2900	100	100	100	ug/kg
BV81840	\$PCB_SMRDP	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	350	75	100	100	100	ug/Kg
BV81840	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	15	3.3	3.3	3.3	ug/Kg
BV81840	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	20	3.3	3.3	3.3	ug/Kg
BV81840	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	10	5	5	5	ug/Kg
BV81840	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	30	3.3	3.3	3.3	ug/Kg
BV81840	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	446	0.7	350	350	350	mg/Kg
BV81840	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	446	0.7	400	400	400	mg/Kg
BV81840	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	446	0.7	350	350	350	mg/Kg
BV81840	CD-SM	Cadmium	NY / 375-6.8 Metals / Ground Water Protection	7.67	0.34	7.5	7.5	7.5	mg/Kg
BV81840	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	7.67	0.34	2.5	2.5	2.5	mg/Kg
BV81840	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential Restricted	7.67	0.34	4.3	4.3	4.3	mg/Kg
BV81840	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	7.67	0.34	2.5	2.5	2.5	mg/Kg
BV81840	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	31.9	0.34	30	30	30	mg/Kg
BV81840	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	266	3.4	50	50	50	mg/kg
BV81840	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	0.81	0.03	0.73	0.73	0.73	mg/Kg
BV81840	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.81	0.03	0.18	0.18	0.18	mg/Kg
BV81840	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	754	6.9	450	450	450	mg/Kg
BV81840	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	754	6.9	400	400	400	mg/Kg
BV81840	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	754	6.9	400	400	400	mg/Kg
BV81840	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	754	6.9	63	63	63	mg/Kg
BV81840	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	1100	6.9	109	109	109	mg/Kg
BV81843	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	31	20	20	20	ug/Kg
BV81843	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	31	20	20	20	ug/Kg
BV81843	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	310	50	50	50	ug/Kg
BV81843	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	50	50	50	ug/Kg
BV81843	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	310	50	50	50	ug/Kg
BV81843	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	50	50	50	ug/Kg
BV81843	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	310	120	120	120	ug/Kg
BV81843	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	120	120	120	ug/Kg
BV81843	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	650	60	60	60	60	ug/Kg
BV81843	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	650	60	60	60	60	ug/Kg
BV81843	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	31	20	20	20	ug/Kg

Monday, November 28, 2016

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

State: NY

Sample Criteria Exceedances Report GBV81835 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BV81843	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	31	20	20	ug/Kg
BV81843	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	3900	310	1000	1000	ug/Kg
BV81843	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	3900	310	1000	1000	ug/Kg
BV81843	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	14000	630	3600	3600	ug/Kg
BV81843	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	14000	630	3600	3600	ug/Kg
BV81843	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2500	100	100	ug/kg
BV81843	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2500	100	100	ug/kg
BV81846	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	240	60	60	60	ug/Kg
BV81846	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	64	22	50	50	ug/Kg
BV81846	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	64	22	50	50	ug/Kg
BV81846	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	240	60	60	60	ug/Kg
BV81846	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	10	3.3	3.3	ug/Kg
BV81846	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	13.7	0.75	13	13	mg/Kg
BV81846	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	146	0.38	50	50	mg/kg
BV81846	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.47	0.03	0.18	0.18	mg/Kg
BV81846	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	232	7.5	63	63	mg/Kg
BV81846	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	677	7.5	109	109	mg/Kg
BV81849	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.71	0.03	0.18	0.18	mg/Kg
BV81849	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	68.4	0.7	63	63	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedance 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



NY Temperature Narration

November 28, 2016

SDG I.D.: GBV81835

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

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

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

Project: 1181 Flushing Avenue Brooklyn NY
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O.:

This section MUST be completed with Bottle Quantities.

Coolant: IPK ICE No Yes
 Temp: _____ °C Pg. 1 of 2
Contact Options:
 Fax: _____
 Phone: 631-504-6000
 Email: _____

Client Sample - Information - Identification
 Sampler's Signature: Thomas Gallo Date: 11-10-16
 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

PHOENIX USE ONLY	CUSTOMER SAMPLE IDENTIFICATION	SAMPLE MATRIX	DATE SAMPLED	TIME SAMPLED	ANALYSIS REQUEST
81835	15B5 (0-2)	S	11-10-16		YOC'S BAC TAL METALS Pesticides PCBs SOLVANTS H2O
81836	15B5 (12-14)	S			
81837	15B5 (15-17)	S			
81838	15B8 (0-2)	S			
81839	15B8 (12-14)	S			
81840	15B11 (0-2)	S			
81841	15B11 (3-5)	S			
81842	15B11 (12-14)	S			
81843	15B12 (12-14)	S			
81844	15B12 (20-22)	S			
81845	15B13 (12-14)	S			

Relinquished by: Thomas Gallo **Accepted by:** [Signature]
Date: 11-11-16 **Time:** 9:21
 11-11-16 18:03
Comments, Special Requirements or Regulations:

Turnaround: <input type="checkbox"/> 1 Day* <input type="checkbox"/> 2 Days* <input type="checkbox"/> 3 Days* <input checked="" type="checkbox"/> 5 Days <input type="checkbox"/> 10 Days <input type="checkbox"/> Other * SURCHARGE APPLIES	NJ <input type="checkbox"/> Res. Criteria <input type="checkbox"/> Non-Res. Criteria <input type="checkbox"/> Impact to GW Soil Cleanup Criteria <input type="checkbox"/> GW Criteria	NY <input type="checkbox"/> NY 375 GWP <input checked="" type="checkbox"/> NY375 Unrestricted Use Soil <input checked="" type="checkbox"/> NY375 Residential Soil <input checked="" type="checkbox"/> Restricted/Residential Commercial Industrial	Data Format <input type="checkbox"/> Phoenix Std Report <input checked="" type="checkbox"/> Excel <input checked="" type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input type="checkbox"/> EQUIS <input type="checkbox"/> NJ Hazsite EDD <input checked="" type="checkbox"/> NY EZ EDD (ASP) <input type="checkbox"/> Other
--	--	---	---

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

State where samples were collected: NY

Cooler: Yes No
 Coolant: IPK ICE
 Temp: 20 C Pg 2 of 2

Contact Options:
 Fax: _____
 Phone: 631-504-6000
 Email: _____

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

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

Project: 1181 Flushing Avenue Brooklyn NY
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

Project P.O.: _____

This section **MUST** be completed with **Bottle Quantities.**

PHOENIX USE ONLY	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
81846	15B14 (1-3)	S	11-10-16		VOCs 8370 TAL Metals Pesticides PCBs
81847	15B14 (12-14)	S			
81848	15B14 (14-16)	S			
81849	15B20 (0-2)	S			
81850	15B20 (12-14)	S			
81851	Soil Duplicate	S			
81852	Tripletank High				
81853	Tripletank Low				

Analysis Request	GL Sol Container (S) 1oz	GL Sol Container (G) 1oz	40 mL VOA Vial (S) 1oz	GL Amber 1000mL Jar (S) 1HCl	PL H2SO4 [250mL] [1500mL] [1000mL]	PL HNO3 250mL	Bacteria Bottle
VOCs 8370							
TAL Metals							
Pesticides PCBs							

Relinquished by: Thomas Gallo Accepted by: Paul York Date: 11-11-16 Time: 9:21

Comments, Special Requirements or Regulations: _____

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

State where samples were collected: NY

Client Services

To: 'Thomas Gallo'
Subject: RE: Phoenix Labs - GBV81835, 1181 FLUSHING AVENUE BROOKLYN NY - COC Acknowledgement

15B5 (12-14), BV81836

15B8 (12-14), BV81838

15B11 (12-14), BV81842

15B14 (12-14), BV81847

15B20 (12-14). BV81850

Sarah Bell
Client Services - Project Manager
Accounts Receivable
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

From: Client Services
Sent: Tuesday, November 15, 2016 9:57 AM
To: 'Thomas Gallo'
Subject: RE: Phoenix Labs - GBV81835, 1181 FLUSHING AVENUE BROOKLYN NY - COC Acknowledgement

Thomas
I can remove the Pesticides only on this PCBs are done.
Thanks
Sarah

Sarah Bell
Client Services - Project Manager
Accounts Receivable
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

From: Thomas Gallo [<mailto:tgallo@ebcincny.com>]
Sent: Tuesday, November 15, 2016 9:23 AM
To: Client Services
Subject: Re: Phoenix Labs - GBV81835, 1181 FLUSHING AVENUE BROOKLYN NY - COC Acknowledgement

If it's not too late can the Pesticide/PCB analysis be cancelled for the following samples.
115B5 (12-14), 15B8 (12-14), 15B11 (12-14), 15B14 (12-14), 15B20 (12-14).

Thomas Gallo
Environmental Geologist
EBC
Cell 516.972.5354

On Nov 11, 2016 8:53 PM, clientservices@phoenixlabs.com wrote:
Tom,

Please email client services only if you Require a PO# on your Invoice, a PO# was not listed on the COC.

Delivery group GBV81835 (1181 FLUSHING AVENUE BROOKLYN NY) has been logged in for the following samples:

Phoenix Id	Client Id
BV81835	15B5 (0-2)
BV81836	15B5 (12-14)
BV81837	15B5 (15-17)
BV81838	15B8 (0-2)
BV81839	15B8 (12-14)
BV81840	15B11 (0-2)
BV81841	15B11 (3-5)
BV81842	15B11 (12-14)
BV81843	15B12 (12-14)
BV81844	15B12 (20-22)
BV81845	15B13 (12-14)
BV81846	15B14 (1-3)
BV81847	15B14 (12-14)
BV81848	15B14 (14-16)
BV81849	15B20 (0-2)
BV81850	15B20 (12-14)
BV81851	SOIL DUPLICATE
BV81852	TRIP BLANK HIGH
BV81853	TRIP BLANK LOW

The samples in this delivery group were received at 4°C. (Note acceptance criteria is above freezing up to 6°C)

If there are any questions regarding this submittal, please call Phoenix Client Services at extension 200.

Phoenix Environmental Laboratories, Inc.

587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06374
Tel. (860) 645-1102
Fax. (860) 645-0823
www.phoenixlabs.com

Please do not reply to this email.



Wednesday, November 30, 2016

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

Project ID: 1181 FLUSHING AVE., BROOKLYN
Sample ID#s: BV86885 - BV86891

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 have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
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
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



SDG Comments

November 30, 2016

SDG I.D.: GBV86885

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

Analysis Report
 November 30, 2016

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

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

11/16/16

Time

15:39

Laboratory Data

SDG ID: GBV86885
 Phoenix ID: BV86885

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: MW6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	0.001	B 0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Aluminum	6.04	0.010	0.005	mg/L	1	11/20/16	LK	SW6010C
Arsenic - LDL	ND	0.004	0.004	mg/L	1	11/20/16	LK	SW6010C
Barium	1.33	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Beryllium	ND	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Calcium	429	0.10	0.10	mg/L	10	11/20/16	LK	SW6010C
Cadmium	0.018	0.004	0.0005	mg/L	1	11/20/16	LK	SW6010C
Cobalt	0.082	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Chromium	0.016	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Copper	ND	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Aluminum (Dissolved)	0.035	0.011	0.005	mg/L	1	11/19/16	LK	SW6010C
Arsenic, (Dissolved)	0.014	0.003	0.004	mg/L	1	11/19/16	LK	SW6010C
Barium (Dissolved)	1.16	0.011	0.001	mg/L	1	11/19/16	LK	SW6010C
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Calcium (Dissolved)	417	0.11	0.11	mg/L	10	11/19/16	LK	SW6010C
Cadmium (Dissolved)	0.015	0.004	0.0005	mg/L	1	11/19/16	LK	SW6010C
Cobalt, (Dissolved)	0.076	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Copper, (Dissolved)	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Iron, (Dissolved)	758	0.11	0.11	mg/L	10	11/19/16	LK	SW6010C
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium (Dissolved)	22.3	0.1	0.01	mg/L	1	11/22/16	LK/MA	SW6010C
Magnesium (Dissolved)	95.1	0.11	0.11	mg/L	10	11/19/16	LK	SW6010C
Manganese, (Dissolved)	44.8	0.53	0.11	mg/L	100	11/22/16	LK	SW6010C
Sodium (Dissolved)	237	1.1	0.11	mg/L	10	11/19/16	LK	SW6010C
Nickel, (Dissolved)	ND	0.004	0.001	mg/L	1	11/19/16	LK	SW6010C
Lead (Dissolved)	0.037	0.002	0.001	mg/L	1	11/19/16	LK	SW6010C

Client ID: MW6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	11/20/16	RS	SW7010
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	11/18/16	RS	SW7010
Thallium , (Dissolved)	ND	0.0005	0.0005	mg/L	1	11/18/16	RS	SW7010
Vanadium, (Dissolved)	0.002	B 0.011	0.001	mg/L	1	11/19/16	LK	SW6010C
Zinc, (Dissolved)	0.087	0.011	0.0012	mg/L	1	11/19/16	LK	SW6010C
Iron	868	0.10	0.10	mg/L	10	11/20/16	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium	23.7	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium	99.1	0.10	0.10	mg/L	10	11/20/16	LK	SW6010C
Manganese	33.0	0.50	0.10	mg/L	100	11/22/16	LK	SW6010C
Sodium	233	1.0	0.10	mg/L	10	11/20/16	LK	SW6010C
Nickel	0.011	0.004	0.001	mg/L	1	11/20/16	LK	SW6010C
Lead	0.059	0.002	0.001	mg/L	1	11/20/16	LK	SW6010C
Antimony	ND	0.002	0.002	mg/L	1	11/20/16	RS	SW7010
Selenium	ND	0.002	0.001	mg/L	1	11/22/16	RS	SW7010
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium	0.022	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Zinc	0.141	0.010	0.0011	mg/L	1	11/20/16	LK	SW6010C
Filtration	Completed					11/17/16	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/21/16	QW/W	SW7470A
Mercury Digestion	Completed					11/21/16	Q/Q	SW7470A
PCB Extraction (2 Liter)	Completed					11/21/16	Z/T	SW3510C
Extraction for Pest (2 Liter)	Completed					11/21/16	Z	SW3510C
Semi-Volatile Extraction	Completed					11/17/16	P/D/D	SW3520C
Dissolved Metals Preparation	Completed					11/17/16	AG	SW3005A
Total Metals Digestion	Completed					11/18/16	AG	
Pesticides								
4,4' -DDD	ND	0.025	0.025	ug/L	10	11/18/16	CE	SW8081B
4,4' -DDE	ND	0.025	0.025	ug/L	10	11/18/16	CE	SW8081B
4,4' -DDT	ND	0.025	0.025	ug/L	10	11/18/16	CE	SW8081B
a-BHC	ND	0.025	0.025	ug/L	10	11/18/16	CE	SW8081B
a-chlordane	ND	0.10	0.10	ug/L	10	11/18/16	CE	SW8081B
Alachlor	ND	0.050	0.050	ug/L	10	11/18/16	CE	SW8081B
Aldrin	ND	0.020	0.020	ug/L	10	11/18/16	CE	SW8081B
b-BHC	ND	0.025	0.025	ug/L	10	11/18/16	CE	SW8081B
Chlordane	ND	0.50	0.50	ug/L	10	11/18/16	CE	SW8081B
d-BHC	ND	0.025	0.025	ug/L	10	11/18/16	CE	SW8081B
Dieldrin	ND	0.015	0.015	ug/L	10	11/18/16	CE	SW8081B
Endosulfan I	ND	0.10	0.10	ug/L	10	11/18/16	CE	SW8081B
Endosulfan II	ND	0.050	0.050	ug/L	10	11/18/16	CE	SW8081B
Endosulfan Sulfate	ND	0.10	0.10	ug/L	10	11/18/16	CE	SW8081B
Endrin	ND	0.050	0.050	ug/L	10	11/18/16	CE	SW8081B
Endrin Aldehyde	ND	0.20	0.20	ug/L	10	11/18/16	CE	SW8081B
Endrin ketone	ND	0.10	0.10	ug/L	10	11/18/16	CE	SW8081B
g-BHC (Lindane)	ND	0.050	0.050	ug/L	10	11/18/16	CE	SW8081B
g-chlordane	ND	0.10	0.10	ug/L	10	11/18/16	CE	SW8081B
Heptachlor	ND	0.050	0.050	ug/L	10	11/18/16	CE	SW8081B
Heptachlor epoxide	ND	0.050	0.050	ug/L	10	11/18/16	CE	SW8081B
Methoxychlor	ND	1.0	1.0	ug/L	10	11/18/16	CE	SW8081B

Ver 1

Client ID: MW6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	2.0	2.0	ug/L	10	11/18/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	Diluted Out			%	10	11/18/16	CE	SW8081B
%TCMX (Surrogate Rec)	Diluted Out			%	10	11/18/16	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	<10			%	1	11/22/16	AW	40 - 140 %
% TCMX	81			%	1	11/22/16	AW	40 - 140 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
1,1,2-Trichloroethane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
1,1-Dichloroethane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
1,1-Dichloroethene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
1,1-Dichloropropene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	11/17/16	HM	SW8260C
1,2,3-Trichloropropane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	11/17/16	HM	SW8260C
1,2,4-Trimethylbenzene	610	50	50	ug/L	200	11/18/16	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	10	10	ug/L	20	11/17/16	HM	SW8260C
1,2-Dibromoethane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
1,2-Dichlorobenzene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
1,2-Dichloroethane	ND	10	10	ug/L	20	11/17/16	HM	SW8260C
1,2-Dichloropropane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
1,3,5-Trimethylbenzene	190	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
1,3-Dichlorobenzene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
1,3-Dichloropropane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
1,4-Dichlorobenzene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
2,2-Dichloropropane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
2-Chlorotoluene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
2-Hexanone	ND	50	50	ug/L	20	11/17/16	HM	SW8260C
2-Isopropyltoluene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
4-Chlorotoluene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
4-Methyl-2-pentanone	60	50	50	ug/L	20	11/17/16	HM	SW8260C
Acetone	290	S 50	50	ug/L	20	11/17/16	HM	SW8260C
Acrolein	ND	50	50	ug/L	20	11/17/16	HM	SW8260C
Acrylonitrile	ND	50	50	ug/L	20	11/17/16	HM	SW8260C
Benzene	50	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Bromochloromethane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Bromodichloromethane	ND	20	5.0	ug/L	20	11/17/16	HM	SW8260C
Bromoform	ND	50	5.0	ug/L	20	11/17/16	HM	SW8260C
Bromomethane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Carbon Disulfide	22	20	5.0	ug/L	20	11/17/16	HM	SW8260C
Carbon tetrachloride	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Chlorobenzene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Chloroethane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Chloroform	ND	7.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Chloromethane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
cis-1,2-Dichloroethene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Dibromochloromethane	ND	20	5.0	ug/L	20	11/17/16	HM	SW8260C
Dibromomethane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Dichlorodifluoromethane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Ethylbenzene	440	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Hexachlorobutadiene	ND	4.0	4.0	ug/L	20	11/17/16	HM	SW8260C
Isopropylbenzene	29	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
m&p-Xylene	1600	200	50	ug/L	200	11/18/16	HM	SW8260C
Methyl ethyl ketone	780	500	500	ug/L	200	11/18/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	66	20	5.0	ug/L	20	11/17/16	HM	SW8260C
Methylene chloride	ND	20	20	ug/L	20	11/17/16	HM	SW8260C
Naphthalene	110	20	20	ug/L	20	11/17/16	HM	SW8260C
n-Butylbenzene	9.0	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
n-Propylbenzene	78	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
o-Xylene	590	50	50	ug/L	200	11/18/16	HM	SW8260C
p-Isopropyltoluene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
sec-Butylbenzene	6.5	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Styrene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
tert-Butylbenzene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Tetrachloroethene	8.1	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	50	50	ug/L	20	11/17/16	HM	SW8260C
Toluene	470	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	50	50	ug/L	20	11/17/16	HM	SW8260C
Trichloroethene	7.4	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Trichlorofluoromethane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Trichlorotrifluoroethane	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
Vinyl chloride	ND	5.0	5.0	ug/L	20	11/17/16	HM	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	20	11/17/16	HM	70 - 130 %
% Bromofluorobenzene	94			%	20	11/17/16	HM	70 - 130 %
% Dibromofluoromethane	96			%	20	11/17/16	HM	70 - 130 %
% Toluene-d8	100			%	20	11/17/16	HM	70 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	100	35	ug/L	20	11/22/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	100	30	ug/L	20	11/22/16	DD	SW8270D

Client ID: MW6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichlorobenzene	ND	28	28	ug/L	20	11/22/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	100	33	ug/L	20	11/22/16	DD	SW8270D
1,3-Dichlorobenzene	ND	30	30	ug/L	20	11/22/16	DD	SW8270D
1,4-Dichlorobenzene	ND	30	30	ug/L	20	11/22/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	55	55	ug/L	20	11/22/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	32	32	ug/L	20	11/22/16	DD	SW8270D
2,4-Dichlorophenol	ND	35	35	ug/L	20	11/22/16	DD	SW8270D
2,4-Dimethylphenol	ND	25	25	ug/L	20	11/22/16	DD	SW8270D
2,4-Dinitrophenol	ND	70	70	ug/L	20	11/22/16	DD	SW8270D
2,4-Dinitrotoluene	ND	39	39	ug/L	20	11/22/16	DD	SW8270D
2,6-Dinitrotoluene	ND	32	32	ug/L	20	11/22/16	DD	SW8270D
2-Chloronaphthalene	ND	28	28	ug/L	20	11/22/16	DD	SW8270D
2-Chlorophenol	ND	28	28	ug/L	20	11/22/16	DD	SW8270D
2-Methylnaphthalene	ND	50	30	ug/L	20	11/22/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	47	47	ug/L	20	11/22/16	DD	SW8270D
2-Nitroaniline	ND	100	100	ug/L	20	11/22/16	DD	SW8270D
2-Nitrophenol	ND	63	63	ug/L	20	11/22/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	120	100	39	ug/L	20	11/22/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	47	47	ug/L	20	11/22/16	DD	SW8270D
3-Nitroaniline	ND	220	220	ug/L	20	11/22/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	110	110	ug/L	20	11/22/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	100	29	ug/L	20	11/22/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	35	35	ug/L	20	11/22/16	DD	SW8270D
4-Chloroaniline	ND	47	47	ug/L	20	11/22/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	100	34	ug/L	20	11/22/16	DD	SW8270D
4-Nitroaniline	ND	33	33	ug/L	20	11/22/16	DD	SW8270D
4-Nitrophenol	ND	45	45	ug/L	20	11/22/16	DD	SW8270D
Acenaphthene	ND	30	30	ug/L	20	11/22/16	DD	SW8270D
Acenaphthylene	ND	28	28	ug/L	20	11/22/16	DD	SW8270D
Acetophenone	ND	100	31	ug/L	20	11/22/16	DD	SW8270D
Aniline	ND	300	300	ug/L	20	11/22/16	DD	SW8270D
Anthracene	ND	50	33	ug/L	20	11/22/16	DD	SW8270D
Benz(a)anthracene	ND	34	34	ug/L	20	11/22/16	DD	SW8270D
Benzidine	ND	59	59	ug/L	20	11/22/16	DD	SW8270D
Benzo(a)pyrene	ND	33	33	ug/L	20	11/22/16	DD	SW8270D
Benzo(b)fluoranthene	ND	34	34	ug/L	20	11/22/16	DD	SW8270D
Benzo(ghi)perylene	ND	32	32	ug/L	20	11/22/16	DD	SW8270D
Benzo(k)fluoranthene	ND	33	33	ug/L	20	11/22/16	DD	SW8270D
Benzoic acid	7000	2000	2000	ug/L	200	11/22/16	DD	SW8270D
Benzyl butyl phthalate	ND	50	26	ug/L	20	11/22/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	28	28	ug/L	20	11/22/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	27	27	ug/L	20	11/22/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	100	28	ug/L	20	11/22/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	29	29	ug/L	20	11/22/16	DD	SW8270D
Carbazole	ND	500	76	ug/L	20	11/22/16	DD	SW8270D
Chrysene	ND	34	34	ug/L	20	11/22/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	50	32	ug/L	20	11/22/16	DD	SW8270D
Dibenzofuran	ND	29	29	ug/L	20	11/22/16	DD	SW8270D
Diethyl phthalate	ND	50	32	ug/L	20	11/22/16	DD	SW8270D

Client ID: MW6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	50	31	ug/L	20	11/22/16	DD	SW8270D
Di-n-butylphthalate	ND	50	27	ug/L	20	11/22/16	DD	SW8270D
Di-n-octylphthalate	ND	50	26	ug/L	20	11/22/16	DD	SW8270D
Fluoranthene	ND	50	32	ug/L	20	11/22/16	DD	SW8270D
Fluorene	ND	50	33	ug/L	20	11/22/16	DD	SW8270D
Hexachlorobenzene	ND	29	29	ug/L	20	11/22/16	DD	SW8270D
Hexachlorobutadiene	ND	36	36	ug/L	20	11/22/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	31	31	ug/L	20	11/22/16	DD	SW8270D
Hexachloroethane	ND	30	30	ug/L	20	11/22/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	33	33	ug/L	20	11/22/16	DD	SW8270D
Isophorone	ND	50	28	ug/L	20	11/22/16	DD	SW8270D
Naphthalene	100	29	29	ug/L	20	11/22/16	DD	SW8270D
Nitrobenzene	ND	35	35	ug/L	20	11/22/16	DD	SW8270D
N-Nitrosodimethylamine	ND	100	28	ug/L	20	11/22/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	100	32	ug/L	20	11/22/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	50	38	ug/L	20	11/22/16	DD	SW8270D
Pentachloronitrobenzene	ND	100	37	ug/L	20	11/22/16	DD	SW8270D
Pentachlorophenol	ND	38	38	ug/L	20	11/22/16	DD	SW8270D
Phenanthrene	ND	50	29	ug/L	20	11/22/16	DD	SW8270D
Phenol	ND	32	32	ug/L	20	11/22/16	DD	SW8270D
Pyrene	ND	50	34	ug/L	20	11/22/16	DD	SW8270D
Pyridine	ND	50	25	ug/L	20	11/22/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	Diluted Out			%	20	11/22/16	DD	15 - 110 %
% 2-Fluorobiphenyl	Diluted Out			%	20	11/22/16	DD	30 - 130 %
% 2-Fluorophenol	Diluted Out			%	20	11/22/16	DD	15 - 110 %
% Nitrobenzene-d5	Diluted Out			%	20	11/22/16	DD	30 - 130 %
% Phenol-d5	Diluted Out			%	20	11/22/16	DD	15 - 110 %
% Terphenyl-d14	Diluted Out			%	20	11/22/16	DD	30 - 130 %

Client ID: MW6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded 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.

Volatile Comment:

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

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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.

PCB Comment:

Poor surrogate recovery was observed for PCBs. Sample was re-extracted with similar results.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.


Semi-Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 30, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 30, 2016

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

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

11/16/16

Time

15:39

Laboratory Data

SDG ID: GBV86885
 Phoenix ID: BV86886

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: MW7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Aluminum	0.031	0.010	0.005	mg/L	1	11/19/16	LK	SW6010C
Arsenic - LDL	0.011	0.004	0.004	mg/L	1	11/19/16	LK	SW6010C
Barium	0.266	0.010	0.001	mg/L	1	11/19/16	LK	SW6010C
Beryllium	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Calcium	47.5	0.010	0.01	mg/L	1	11/19/16	LK	SW6010C
Cadmium	0.002	B 0.004	0.0005	mg/L	1	11/19/16	LK	SW6010C
Cobalt	0.018	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Chromium	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Copper	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Aluminum (Dissolved)	ND	0.011	0.005	mg/L	1	11/19/16	LK	SW6010C
Arsenic, (Dissolved)	ND	0.003	0.004	mg/L	1	11/19/16	LK	SW6010C
Barium (Dissolved)	0.180	0.011	0.001	mg/L	1	11/19/16	LK	SW6010C
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Calcium (Dissolved)	46.8	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Cadmium (Dissolved)	0.001	B 0.004	0.0005	mg/L	1	11/19/16	LK	SW6010C
Cobalt, (Dissolved)	0.017	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Copper, (Dissolved)	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Iron, (Dissolved)	62.3	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium (Dissolved)	4.8	0.1	0.01	mg/L	1	11/22/16	LK/MA	SW6010C
Magnesium (Dissolved)	14.8	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Manganese, (Dissolved)	3.37	0.053	0.011	mg/L	10	11/19/16	LK	SW6010C
Sodium (Dissolved)	111	1.1	0.11	mg/L	10	11/19/16	LK	SW6010C
Nickel, (Dissolved)	ND	0.004	0.001	mg/L	1	11/19/16	LK	SW6010C
Lead (Dissolved)	0.004	0.002	0.001	mg/L	1	11/19/16	LK	SW6010C

Client ID: MW7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	11/20/16	RS	SW7010
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	11/18/16	RS	SW7010
Thallium , (Dissolved)	ND	0.0005	0.0005	mg/L	1	11/18/16	RS	SW7010
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	11/19/16	LK	SW6010C
Zinc, (Dissolved)	0.007	B 0.011	0.0012	mg/L	1	11/19/16	LK	SW6010C
Iron	121	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	11/18/16	RS	SW7470A
Potassium	5.0	0.1	0.01	mg/L	1	11/19/16	LK	SW6010C
Magnesium	14.7	0.010	0.01	mg/L	1	11/19/16	LK	SW6010C
Manganese	3.48	0.050	0.010	mg/L	10	11/19/16	LK	SW6010C
Sodium	107	1.0	0.10	mg/L	10	11/19/16	LK	SW6010C
Nickel	0.004	B 0.004	0.001	mg/L	1	11/19/16	LK	SW6010C
Lead	0.007	0.002	0.001	mg/L	1	11/19/16	LK	SW6010C
Antimony	ND	0.002	0.002	mg/L	1	11/20/16	RS	SW7010
Selenium	ND	0.002	0.001	mg/L	1	11/18/16	RS	SW7010
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/18/16	RS	SW7010
Vanadium	ND	0.010	0.001	mg/L	1	11/19/16	LK	SW6010C
Zinc	0.014	0.010	0.0011	mg/L	1	11/19/16	LK	SW6010C
Filtration	Completed					11/17/16	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/21/16	QW/W	SW7470A
Mercury Digestion	Completed					11/18/16	QW/QW	SW7470A
PCB Extraction (2 Liter)	Completed					11/21/16	Z/T	SW3510C
Extraction for Pest (2 Liter)	Completed					11/21/16	Z	SW3510C
Semi-Volatile Extraction	Completed					11/17/16	P/D/D	SW3520C
Dissolved Metals Preparation	Completed					11/17/16	AG	SW3005A
Total Metals Digestion	Completed					11/17/16	AG	
Pesticides								
4,4' -DDD	ND	0.005	0.010	ug/L	1	11/21/16	CE	SW8081B
4,4' -DDE	ND	0.005	0.010	ug/L	1	11/21/16	CE	SW8081B
4,4' -DDT	ND	0.005	0.010	ug/L	1	11/21/16	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	11/21/16	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	11/21/16	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	11/21/16	CE	SW8081B
b-BHC	ND	0.040	0.040	ug/L	1	11/21/16	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	11/21/16	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	11/21/16	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	11/21/16	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/21/16	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	11/21/16	CE	SW8081B

Ver 1

Client ID: MW7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	11/21/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	34			%	1	11/21/16	CE	SW8081B
%TCMX (Surrogate Rec)	74			%	1	11/21/16	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	25			%	1	11/22/16	AW	40 - 140 %
% TCMX	80			%	1	11/22/16	AW	40 - 140 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	11/18/16	HM	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/18/16	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Benzene	1.3	0.70	0.25	ug/L	1	11/18/16	HM	SW8260C

Ver 1

Client ID: MW7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
cis-1,2-Dichloroethene	1.5	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/18/16	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Ethylbenzene	0.35	J 1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/18/16	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	2.9	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	11/18/16	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	11/18/16	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
o-Xylene	0.50	J 1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Toluene	0.32	J 1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/18/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	11/18/16	HM	70 - 130 %
% Bromofluorobenzene	98			%	1	11/18/16	HM	70 - 130 %
% Dibromofluoromethane	100			%	1	11/18/16	HM	70 - 130 %
% Toluene-d8	99			%	1	11/18/16	HM	70 - 130 %
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D

Client ID: MW7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2-Nitroaniline	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	11/22/16	DD	SW8270D
3-Nitroaniline	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	11/22/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	11/22/16	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	11/22/16	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	11/22/16	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Carbazole	ND	5.0	3.8	ug/L	1	11/22/16	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/22/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Phenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	11/22/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	99			%	1	11/22/16	DD	15 - 110 %
% 2-Fluorobiphenyl	83			%	1	11/22/16	DD	30 - 130 %
% 2-Fluorophenol	57			%	1	11/22/16	DD	15 - 110 %
% Nitrobenzene-d5	67			%	1	11/22/16	DD	30 - 130 %
% Phenol-d5	69			%	1	11/22/16	DD	15 - 110 %
% Terphenyl-d14	90			%	1	11/22/16	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/21/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	11/21/16	DD	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	11/21/16	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	11/21/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	11/21/16	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	109			%	1	11/21/16	DD	15 - 110 %
% 2-Fluorobiphenyl	77			%	1	11/21/16	DD	30 - 130 %
% 2-Fluorophenol	61			%	1	11/21/16	DD	15 - 110 %
% Nitrobenzene-d5	81			%	1	11/21/16	DD	30 - 130 %
% Phenol-d5	81			%	1	11/21/16	DD	15 - 110 %
% Terphenyl-d14	102			%	1	11/21/16	DD	30 - 130 %

Client ID: MW7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 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.

Volatile Comment:

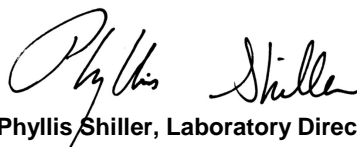
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

PCB Comment:

Poor surrogate recovery was observed for PCBs. Sample was re-extracted with similar results.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 30, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 30, 2016

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

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

11/16/16

Time

15:39

Laboratory Data

SDG ID: GBV86885
 Phoenix ID: BV86887

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: MW9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Aluminum	0.182	0.010	0.005	mg/L	1	11/19/16	LK	SW6010C
Arsenic - LDL	ND	0.004	0.004	mg/L	1	11/19/16	LK	SW6010C
Barium	0.198	0.010	0.001	mg/L	1	11/19/16	LK	SW6010C
Beryllium	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Calcium	120	0.010	0.01	mg/L	1	11/19/16	LK	SW6010C
Cadmium	ND	0.004	0.0005	mg/L	1	11/19/16	LK	SW6010C
Cobalt	0.008	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Chromium	0.002	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Copper	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Aluminum (Dissolved)	ND	0.011	0.005	mg/L	1	11/19/16	LK	SW6010C
Arsenic, (Dissolved)	ND	0.003	0.004	mg/L	1	11/19/16	LK	SW6010C
Barium (Dissolved)	0.163	0.011	0.001	mg/L	1	11/19/16	LK	SW6010C
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Calcium (Dissolved)	120	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Cadmium (Dissolved)	ND	0.004	0.0005	mg/L	1	11/19/16	LK	SW6010C
Cobalt, (Dissolved)	0.007	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Copper, (Dissolved)	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Iron, (Dissolved)	0.24	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium (Dissolved)	9.4	0.1	0.01	mg/L	1	11/22/16	LK/MA	SW6010C
Magnesium (Dissolved)	39.4	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Manganese, (Dissolved)	11.1	0.053	0.011	mg/L	10	11/19/16	LK	SW6010C
Sodium (Dissolved)	126	1.1	0.11	mg/L	10	11/19/16	LK	SW6010C
Nickel, (Dissolved)	0.008	0.004	0.001	mg/L	1	11/19/16	LK	SW6010C
Lead (Dissolved)	0.002	B 0.002	0.001	mg/L	1	11/19/16	LK	SW6010C

B

Client ID: MW9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	11/20/16	RS	SW7010
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	11/18/16	RS	SW7010
Thallium , (Dissolved)	ND	0.0005	0.0005	mg/L	1	11/18/16	RS	SW7010
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	11/19/16	LK	SW6010C
Zinc, (Dissolved)	0.004	B 0.011	0.0012	mg/L	1	11/19/16	LK	SW6010C
Iron	14.6	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	11/18/16	RS	SW7470A
Potassium	9.6	0.1	0.01	mg/L	1	11/19/16	LK	SW6010C
Magnesium	39.7	0.010	0.01	mg/L	1	11/19/16	LK	SW6010C
Manganese	11.4	0.050	0.010	mg/L	10	11/19/16	LK	SW6010C
Sodium	122	1.0	0.10	mg/L	10	11/19/16	LK	SW6010C
Nickel	0.007	0.004	0.001	mg/L	1	11/19/16	LK	SW6010C
Lead	ND	0.002	0.001	mg/L	1	11/19/16	LK	SW6010C
Antimony	ND	0.002	0.002	mg/L	1	11/20/16	RS	SW7010
Selenium	ND	0.002	0.001	mg/L	1	11/18/16	RS	SW7010
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/18/16	RS	SW7010
Vanadium	0.001	B 0.010	0.001	mg/L	1	11/19/16	LK	SW6010C
Zinc	0.009	B 0.010	0.0011	mg/L	1	11/19/16	LK	SW6010C
Filtration	Completed					11/17/16	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/21/16	QW/W	SW7470A
Mercury Digestion	Completed					11/18/16	QW/QW	SW7470A
PCB Extraction (2 Liter)	Completed					11/21/16	Z/T	SW3510C
Extraction for Pest (2 Liter)	Completed					11/21/16	Z	SW3510C
Semi-Volatile Extraction	Completed					11/17/16	P/D/D	SW3520C
Dissolved Metals Preparation	Completed					11/17/16	AG	SW3005A
Total Metals Digestion	Completed					11/17/16	AG	
Pesticides								
4,4' -DDD	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B
4,4' -DDE	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B
4,4' -DDT	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	11/22/16	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B
b-BHC	ND	0.040	0.040	ug/L	1	11/22/16	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	11/22/16	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	11/22/16	CE	SW8081B

Client ID: MW9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	11/22/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	58			%	1	11/22/16	CE	SW8081B
%TCMX (Surrogate Rec)	69			%	1	11/22/16	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	47			%	1	11/22/16	AW	40 - 140 %
% TCMX	80			%	1	11/22/16	AW	40 - 140 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2,4-Trimethylbenzene	4.0	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	11/17/16	HM	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/17/16	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,3,5-Trimethylbenzene	1.0	J 1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	11/17/16	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/17/16	HM	SW8260C
Acetone	2.6	JS 5.0	2.5	ug/L	1	11/17/16	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	11/17/16	HM	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/17/16	HM	SW8260C
Benzene	0.69	J 0.70	0.25	ug/L	1	11/17/16	HM	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
cis-1,2-Dichloroethene	0.62	J 1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/17/16	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Ethylbenzene	0.67	J 1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/17/16	HM	SW8260C
Isopropylbenzene	0.38	J 1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
m&p-Xylene	2.1	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	11/17/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	51	5.0	1.3	ug/L	5	11/18/16	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	11/17/16	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	11/17/16	HM	SW8260C
n-Butylbenzene	0.43	J 1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
n-Propylbenzene	0.71	J 1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
o-Xylene	1.3	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
sec-Butylbenzene	0.64	J 1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/17/16	HM	SW8260C
Toluene	0.92	J 1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/17/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/17/16	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	11/17/16	HM	70 - 130 %
% Bromofluorobenzene	96			%	1	11/17/16	HM	70 - 130 %
% Dibromofluoromethane	96			%	1	11/17/16	HM	70 - 130 %
% Toluene-d8	99			%	1	11/17/16	HM	70 - 130 %
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D

Client ID: MW9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2-Nitroaniline	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	11/22/16	DD	SW8270D
3-Nitroaniline	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	11/22/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	11/22/16	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	11/22/16	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	11/22/16	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Carbazole	ND	5.0	3.8	ug/L	1	11/22/16	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/22/16	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Phenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D	
Pyrene	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D	
Pyridine	ND	10	1.2	ug/L	1	11/22/16	DD	SW8270D	
<u>QA/QC Surrogates</u>									
% 2,4,6-Tribromophenol	125			%	1	11/22/16	DD	15 - 110 %	3
% 2-Fluorobiphenyl	80			%	1	11/22/16	DD	30 - 130 %	
% 2-Fluorophenol	65			%	1	11/22/16	DD	15 - 110 %	
% Nitrobenzene-d5	79			%	1	11/22/16	DD	30 - 130 %	
% Phenol-d5	81			%	1	11/22/16	DD	15 - 110 %	
% Terphenyl-d14	91			%	1	11/22/16	DD	30 - 130 %	
<u>Semivolatiles</u>									
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Acenaphthylene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Chrysene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Hexachloroethane	ND	0.50	0.50	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Nitrobenzene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)	
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Pentachlorophenol	ND	0.80	0.80	ug/L	1	11/21/16	DD	SW8270D (SIM)	
Phenanthrene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)	
<u>QA/QC Surrogates</u>									
% 2,4,6-Tribromophenol	125			%	1	11/21/16	DD	15 - 110 %	3
% 2-Fluorobiphenyl	78			%	1	11/21/16	DD	30 - 130 %	
% 2-Fluorophenol	70			%	1	11/21/16	DD	15 - 110 %	
% Nitrobenzene-d5	87			%	1	11/21/16	DD	30 - 130 %	
% Phenol-d5	90			%	1	11/21/16	DD	15 - 110 %	
% Terphenyl-d14	101			%	1	11/21/16	DD	30 - 130 %	

Client ID: MW9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 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.

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

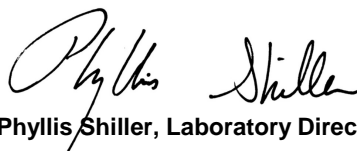
Semi-Volatile Comment:

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.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 30, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 30, 2016

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

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

11/16/16
 11/17/16

Time

15:39

Laboratory Data

SDG ID: GBV86885
 Phoenix ID: BV86888

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: MW10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Aluminum	0.119	0.010	0.005	mg/L	1	11/19/16	LK	SW6010C
Arsenic - LDL	0.010	0.004	0.004	mg/L	1	11/19/16	LK	SW6010C
Barium	0.309	0.010	0.001	mg/L	1	11/19/16	LK	SW6010C
Beryllium	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Calcium	138	0.010	0.01	mg/L	1	11/19/16	LK	SW6010C
Cadmium	0.001	B 0.004	0.0005	mg/L	1	11/19/16	LK	SW6010C
Cobalt	0.002	B 0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Chromium	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Copper	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Aluminum (Dissolved)	0.006	B 0.011	0.005	mg/L	1	11/19/16	LK	SW6010C
Arsenic, (Dissolved)	ND	0.003	0.004	mg/L	1	11/19/16	LK	SW6010C
Barium (Dissolved)	0.186	0.011	0.001	mg/L	1	11/19/16	LK	SW6010C
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Calcium (Dissolved)	130	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Cadmium (Dissolved)	ND	0.004	0.0005	mg/L	1	11/19/16	LK	SW6010C
Cobalt, (Dissolved)	0.002	B 0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Copper, (Dissolved)	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Iron, (Dissolved)	7.14	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium (Dissolved)	19.3	0.1	0.01	mg/L	1	11/22/16	LK/MA	SW6010C
Magnesium (Dissolved)	29.6	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Manganese, (Dissolved)	0.999	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Sodium (Dissolved)	124	1.1	0.11	mg/L	10	11/19/16	LK	SW6010C
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	1	11/19/16	LK	SW6010C
Lead (Dissolved)	ND	0.002	0.001	mg/L	1	11/19/16	LK	SW6010C

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	11/20/16	RS	SW7010
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	11/18/16	RS	SW7010
Thallium , (Dissolved)	ND	0.0005	0.0005	mg/L	1	11/18/16	RS	SW7010
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	11/19/16	LK	SW6010C
Zinc, (Dissolved)	0.003	B 0.011	0.0012	mg/L	1	11/19/16	LK	SW6010C
Iron	47.4	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	11/18/16	RS	SW7470A
Potassium	18.5	0.1	0.01	mg/L	1	11/19/16	LK	SW6010C
Magnesium	32.2	0.010	0.01	mg/L	1	11/19/16	LK	SW6010C
Manganese	1.09	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Sodium	122	1.0	0.10	mg/L	10	11/19/16	LK	SW6010C
Nickel	0.002	B 0.004	0.001	mg/L	1	11/19/16	LK	SW6010C
Lead	ND	0.002	0.001	mg/L	1	11/19/16	LK	SW6010C
Antimony	ND	0.002	0.002	mg/L	1	11/20/16	RS	SW7010
Selenium	ND	0.002	0.001	mg/L	1	11/18/16	RS	SW7010
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/18/16	RS	SW7010
Vanadium	0.002	B 0.010	0.001	mg/L	1	11/19/16	LK	SW6010C
Zinc	0.010	0.010	0.0011	mg/L	1	11/19/16	LK	SW6010C
Filtration	Completed					11/17/16	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/21/16	QW/W	SW7470A
Mercury Digestion	Completed					11/18/16	QW/QW	SW7470A
PCB Extraction (2 Liter)	Completed					11/21/16	Z/T	SW3510C
Extraction for Pest (2 Liter)	Completed					11/21/16	Z	SW3510C
Semi-Volatile Extraction	Completed					11/17/16	P/D/D	SW3520C
Dissolved Metals Preparation	Completed					11/17/16	AG	SW3005A
Total Metals Digestion	Completed					11/17/16	AG	

Pesticides

4,4' -DDD	ND	0.025	0.025	ug/L	10	11/18/16	CE	SW8081B
4,4' -DDE	ND	0.025	0.025	ug/L	10	11/18/16	CE	SW8081B
4,4' -DDT	ND	0.025	0.025	ug/L	10	11/18/16	CE	SW8081B
a-BHC	ND	0.025	0.025	ug/L	10	11/18/16	CE	SW8081B
a-chlordane	ND	0.050	0.050	ug/L	10	11/18/16	CE	SW8081B
Alachlor	ND	0.050	0.050	ug/L	10	11/18/16	CE	SW8081B
Aldrin	ND	0.015	0.015	ug/L	10	11/18/16	CE	SW8081B
b-BHC	ND	0.025	0.025	ug/L	10	11/18/16	CE	SW8081B
Chlordane	ND	0.50	0.50	ug/L	10	11/18/16	CE	SW8081B
d-BHC	ND	0.025	0.025	ug/L	10	11/18/16	CE	SW8081B
Dieldrin	ND	0.015	0.015	ug/L	10	11/18/16	CE	SW8081B
Endosulfan I	ND	0.10	0.10	ug/L	10	11/18/16	CE	SW8081B
Endosulfan II	ND	0.10	0.10	ug/L	10	11/18/16	CE	SW8081B
Endosulfan Sulfate	ND	0.10	0.10	ug/L	10	11/18/16	CE	SW8081B
Endrin	ND	0.050	0.050	ug/L	10	11/18/16	CE	SW8081B
Endrin Aldehyde	ND	0.10	0.10	ug/L	10	11/18/16	CE	SW8081B
Endrin ketone	ND	0.10	0.10	ug/L	10	11/18/16	CE	SW8081B
g-BHC (Lindane)	ND	0.050	0.050	ug/L	10	11/18/16	CE	SW8081B
g-chlordane	ND	0.050	0.050	ug/L	10	11/18/16	CE	SW8081B
Heptachlor	ND	0.050	0.050	ug/L	10	11/18/16	CE	SW8081B
Heptachlor epoxide	ND	0.050	0.050	ug/L	10	11/18/16	CE	SW8081B
Methoxychlor	ND	1.0	1.0	ug/L	10	11/18/16	CE	SW8081B

Client ID: MW10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	2.0	2.0	ug/L	10	11/18/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	Diluted Out			%	10	11/18/16	CE	SW8081B
%TCMX (Surrogate Rec)	Diluted Out			%	10	11/18/16	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	24			%	1	11/22/16	AW	40 - 140 %
% TCMX	75			%	1	11/22/16	AW	40 - 140 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2,4-Trimethylbenzene	17	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	11/17/16	HM	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/17/16	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,3,5-Trimethylbenzene	3.7	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	11/17/16	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/17/16	HM	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	11/17/16	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	11/17/16	HM	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/17/16	HM	SW8260C
Benzene	30	1.3	1.3	ug/L	5	11/18/16	HM	SW8260C

Ver 1

Client ID: MW10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
cis-1,2-Dichloroethene	0.71	J 1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/17/16	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Ethylbenzene	19	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/17/16	HM	SW8260C
Isopropylbenzene	2.2	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
m&p-Xylene	30	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	11/17/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	270	25	6.3	ug/L	25	11/18/16	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	11/17/16	HM	SW8260C
Naphthalene	1.5	1.0	1.0	ug/L	1	11/17/16	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
n-Propylbenzene	2.4	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
o-Xylene	21	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/17/16	HM	SW8260C
Toluene	1.2	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/17/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/17/16	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/17/16	HM	70 - 130 %
% Bromofluorobenzene	97			%	1	11/17/16	HM	70 - 130 %
% Dibromofluoromethane	98			%	1	11/17/16	HM	70 - 130 %
% Toluene-d8	99			%	1	11/17/16	HM	70 - 130 %
Client MS/MSD	Completed					11/22/16		
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2-Nitroaniline	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	11/22/16	DD	SW8270D
3-Nitroaniline	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	11/22/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	11/22/16	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	11/22/16	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	11/22/16	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Carbazole	ND	5.0	3.8	ug/L	1	11/22/16	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D

Client ID: MW10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/22/16	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	11/22/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	105			%	1	11/22/16	DD	15 - 110 %
% 2-Fluorobiphenyl	56			%	1	11/22/16	DD	30 - 130 %
% 2-Fluorophenol	52			%	1	11/22/16	DD	15 - 110 %
% Nitrobenzene-d5	83			%	1	11/22/16	DD	30 - 130 %
% Phenol-d5	73			%	1	11/22/16	DD	15 - 110 %
% Terphenyl-d14	81			%	1	11/22/16	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/21/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	11/21/16	DD	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	11/21/16	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	11/21/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	11/21/16	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	111			%	1	11/21/16	DD	15 - 110 %
% 2-Fluorobiphenyl	60			%	1	11/21/16	DD	30 - 130 %
% 2-Fluorophenol	54			%	1	11/21/16	DD	15 - 110 %
% Nitrobenzene-d5	81			%	1	11/21/16	DD	30 - 130 %
% Phenol-d5	73			%	1	11/21/16	DD	15 - 110 %
% Terphenyl-d14	91			%	1	11/21/16	DD	30 - 130 %

3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
 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.

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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.

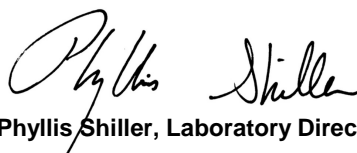
Semi-Volatile Comment:

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.

PCB Comment:

Poor surrogate recovery was observed for PCBs. Sample was re-extracted with similar results.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

November 30, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 30, 2016

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

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time

11/16/16
 11/17/16 15:39

Laboratory Data

SDG ID: GBV86885
 Phoenix ID: BV86889

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: GW DUP 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Aluminum	2.61	0.010	0.005	mg/L	1	11/19/16	LK	SW6010C
Arsenic - LDL	ND	0.004	0.004	mg/L	1	11/19/16	LK	SW6010C
Barium	0.229	0.010	0.001	mg/L	1	11/19/16	LK	SW6010C
Beryllium	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Calcium	121	0.010	0.01	mg/L	1	11/19/16	LK	SW6010C
Cadmium	0.001	B 0.004	0.0005	mg/L	1	11/19/16	LK	SW6010C
Cobalt	0.011	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Chromium	0.010	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Copper	0.007	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Aluminum (Dissolved)	0.005	B 0.011	0.005	mg/L	1	11/19/16	LK	SW6010C
Arsenic, (Dissolved)	ND	0.003	0.004	mg/L	1	11/19/16	LK	SW6010C
Barium (Dissolved)	0.175	0.011	0.001	mg/L	1	11/19/16	LK	SW6010C
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Calcium (Dissolved)	122	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Cadmium (Dissolved)	ND	0.004	0.0005	mg/L	1	11/19/16	LK	SW6010C
Cobalt, (Dissolved)	0.008	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Copper, (Dissolved)	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Iron, (Dissolved)	0.72	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium (Dissolved)	9.5	0.1	0.01	mg/L	1	11/22/16	LK/MA	SW6010C
Magnesium (Dissolved)	40.6	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Manganese, (Dissolved)	11.5	0.053	0.011	mg/L	10	11/19/16	LK	SW6010C
Sodium (Dissolved)	129	1.1	0.11	mg/L	10	11/19/16	LK	SW6010C
Nickel, (Dissolved)	0.009	0.004	0.001	mg/L	1	11/19/16	LK	SW6010C
Lead (Dissolved)	0.001	B 0.002	0.001	mg/L	1	11/19/16	LK	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	11/20/16	RS	SW7010
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	11/18/16	RS	SW7010
Thallium , (Dissolved)	ND	0.0005	0.0005	mg/L	1	11/18/16	RS	SW7010
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	11/19/16	LK	SW6010C
Zinc, (Dissolved)	0.005	B 0.011	0.0012	mg/L	1	11/19/16	LK	SW6010C
Iron	18.1	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	11/18/16	RS	SW7470A
Potassium	10.0	0.1	0.01	mg/L	1	11/19/16	LK	SW6010C
Magnesium	41.4	0.010	0.01	mg/L	1	11/19/16	LK	SW6010C
Manganese	12.7	0.050	0.010	mg/L	10	11/19/16	LK	SW6010C
Sodium	121	1.0	0.10	mg/L	10	11/19/16	LK	SW6010C
Nickel	0.015	0.004	0.001	mg/L	1	11/19/16	LK	SW6010C
Lead	0.001	B 0.002	0.001	mg/L	1	11/19/16	LK	SW6010C
Antimony	ND	0.002	0.002	mg/L	1	11/20/16	RS	SW7010
Selenium	ND	0.002	0.001	mg/L	1	11/18/16	RS	SW7010
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/18/16	RS	SW7010
Vanadium	0.007	B 0.010	0.001	mg/L	1	11/19/16	LK	SW6010C
Zinc	0.028	0.010	0.0011	mg/L	1	11/19/16	LK	SW6010C
Filtration	Completed					11/17/16	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/21/16	QW/W	SW7470A
Mercury Digestion	Completed					11/18/16	QW/QW	SW7470A
PCB Extraction (2 Liter)	Completed					11/17/16	Z/Z	SW3510C
Extraction for Pest (2 Liter)	Completed					11/17/16	Z/Z	SW3510C
Semi-Volatile Extraction	Completed					11/17/16	P/D/D	SW3520C
Dissolved Metals Preparation	Completed					11/17/16	AG	SW3005A
Total Metals Digestion	Completed					11/17/16	AG	

Pesticides

4,4' -DDD	ND	0.005	0.010	ug/L	1	11/21/16	CE	SW8081B
4,4' -DDE	ND	0.005	0.010	ug/L	1	11/21/16	CE	SW8081B
4,4' -DDT	ND	0.005	0.010	ug/L	1	11/21/16	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	11/21/16	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	11/21/16	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	11/21/16	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	11/21/16	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	11/21/16	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	11/21/16	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	11/21/16	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/21/16	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/21/16	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	11/21/16	CE	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	11/21/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	85			%	1	11/21/16	CE	SW8081B
%TCMX (Surrogate Rec)	115			%	1	11/21/16	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	11/18/16	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	11/18/16	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	11/18/16	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	11/18/16	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	11/18/16	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	11/18/16	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	11/18/16	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	11/18/16	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	11/18/16	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	68			%	1	11/18/16	AW	40 - 140 %
% TCMX	67			%	1	11/18/16	AW	40 - 140 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,4-Trimethylbenzene	3.3	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	11/18/16	HM	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/18/16	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,3,5-Trimethylbenzene	0.82	J 1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
Acetone	3.4	JS 5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Benzene	0.73	0.70	0.25	ug/L	1	11/18/16	HM	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
cis-1,2-Dichloroethene	0.62	J 1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/18/16	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Ethylbenzene	0.53	J 1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/18/16	HM	SW8260C
Isopropylbenzene	0.30	J 1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
m&p-Xylene	1.7	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	50	5.0	1.3	ug/L	5	11/18/16	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	11/18/16	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	11/18/16	HM	SW8260C
n-Butylbenzene	0.38	J 1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
n-Propylbenzene	0.55	J 1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
o-Xylene	1.0	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
sec-Butylbenzene	0.62	J 1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Toluene	0.87	J 1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/18/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	11/18/16	HM	70 - 130 %
% Bromofluorobenzene	100			%	1	11/18/16	HM	70 - 130 %
% Dibromofluoromethane	104			%	1	11/18/16	HM	70 - 130 %
% Toluene-d8	100			%	1	11/18/16	HM	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2-Nitroaniline	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	11/22/16	DD	SW8270D
3-Nitroaniline	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	11/22/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	11/22/16	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	11/22/16	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	11/22/16	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Carbazole	ND	5.0	3.8	ug/L	1	11/22/16	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/22/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Phenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	11/22/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	107			%	1	11/22/16	DD	15 - 110 %
% 2-Fluorobiphenyl	76			%	1	11/22/16	DD	30 - 130 %
% 2-Fluorophenol	49			%	1	11/22/16	DD	15 - 110 %
% Nitrobenzene-d5	57			%	1	11/22/16	DD	30 - 130 %
% Phenol-d5	65			%	1	11/22/16	DD	15 - 110 %
% Terphenyl-d14	85			%	1	11/22/16	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/21/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	11/21/16	DD	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	11/21/16	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	11/21/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	11/21/16	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	117			%	1	11/21/16	DD	15 - 110 %
% 2-Fluorobiphenyl	72			%	1	11/21/16	DD	30 - 130 %
% 2-Fluorophenol	49			%	1	11/21/16	DD	15 - 110 %
% Nitrobenzene-d5	66			%	1	11/21/16	DD	30 - 130 %
% Phenol-d5	67			%	1	11/21/16	DD	15 - 110 %
% Terphenyl-d14	100			%	1	11/21/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded 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.

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

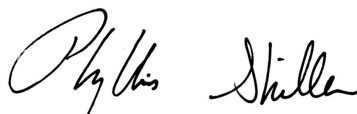
Semi-Volatile Comment:

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.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 30, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 30, 2016

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

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

11/16/16

Time

15:39

Laboratory Data

SDG ID: GBV86885
 Phoenix ID: BV86890

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: GW DUP 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Aluminum	0.032	0.010	0.005	mg/L	1	11/19/16	LK	SW6010C
Arsenic - LDL	0.011	0.004	0.004	mg/L	1	11/19/16	LK	SW6010C
Barium	0.282	0.010	0.001	mg/L	1	11/19/16	LK	SW6010C
Beryllium	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Calcium	49.8	0.010	0.01	mg/L	1	11/19/16	LK	SW6010C
Cadmium	0.002	B 0.004	0.0005	mg/L	1	11/19/16	LK	SW6010C
Cobalt	0.019	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Chromium	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Copper	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Aluminum (Dissolved)	ND	0.011	0.005	mg/L	1	11/19/16	LK	SW6010C
Arsenic, (Dissolved)	ND	0.003	0.004	mg/L	1	11/19/16	LK	SW6010C
Barium (Dissolved)	0.170	0.011	0.001	mg/L	1	11/19/16	LK	SW6010C
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Calcium (Dissolved)	46.6	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Cadmium (Dissolved)	0.001	B 0.004	0.0005	mg/L	1	11/19/16	LK	SW6010C
Cobalt, (Dissolved)	0.017	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/19/16	LK	SW6010C
Copper, (Dissolved)	ND	0.005	0.001	mg/L	1	11/19/16	LK	SW6010C
Iron, (Dissolved)	52.3	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium (Dissolved)	4.9	0.1	0.01	mg/L	1	11/22/16	LK/MA	SW6010C
Magnesium (Dissolved)	14.6	0.01	0.01	mg/L	1	11/19/16	LK	SW6010C
Manganese, (Dissolved)	3.09	0.053	0.011	mg/L	10	11/19/16	LK	SW6010C
Sodium (Dissolved)	102	1.1	0.11	mg/L	10	11/19/16	LK	SW6010C
Nickel, (Dissolved)	ND	0.004	0.001	mg/L	1	11/19/16	LK	SW6010C
Lead (Dissolved)	0.003	0.002	0.001	mg/L	1	11/19/16	LK	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	11/20/16	RS	SW7010
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	11/18/16	RS	SW7010
Thallium , (Dissolved)	ND	0.0005	0.0005	mg/L	1	11/18/16	RS	SW7010
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	11/19/16	LK	SW6010C
Zinc, (Dissolved)	0.006	B 0.011	0.0012	mg/L	1	11/19/16	LK	SW6010C
Iron	126	0.10	0.10	mg/L	10	11/19/16	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	11/18/16	RS	SW7470A
Potassium	5.4	0.1	0.01	mg/L	1	11/19/16	LK	SW6010C
Magnesium	15.5	0.010	0.01	mg/L	1	11/19/16	LK	SW6010C
Manganese	3.47	0.050	0.010	mg/L	10	11/19/16	LK	SW6010C
Sodium	106	1.0	0.10	mg/L	10	11/19/16	LK	SW6010C
Nickel	0.004	B 0.004	0.001	mg/L	1	11/19/16	LK	SW6010C
Lead	0.009	0.002	0.001	mg/L	1	11/19/16	LK	SW6010C
Antimony	ND	0.002	0.002	mg/L	1	11/20/16	RS	SW7010
Selenium	ND	0.002	0.001	mg/L	1	11/18/16	RS	SW7010
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/18/16	RS	SW7010
Vanadium	0.001	B 0.010	0.001	mg/L	1	11/19/16	LK	SW6010C
Zinc	0.015	0.010	0.0011	mg/L	1	11/19/16	LK	SW6010C
Filtration	Completed					11/17/16	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/21/16	QW/W	SW7470A
Mercury Digestion	Completed					11/18/16	QW/QW	SW7470A
PCB Extraction (2 Liter)	Completed					11/21/16	Z/T	SW3510C
Extraction for Pest (2 Liter)	Completed					11/21/16	Z	SW3510C
Semi-Volatile Extraction	Completed					11/17/16	P/D/D	SW3520C
Dissolved Metals Preparation	Completed					11/17/16	AG	SW3005A
Total Metals Digestion	Completed					11/17/16	AG	

Pesticides

4,4' -DDD	ND	0.005	0.010	ug/L	1	11/18/16	CE	SW8081B
4,4' -DDE	ND	0.005	0.010	ug/L	1	11/18/16	CE	SW8081B
4,4' -DDT	ND	0.005	0.010	ug/L	1	11/18/16	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	11/18/16	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	11/18/16	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	11/18/16	CE	SW8081B
Aldrin	ND	0.005	0.005	ug/L	1	11/18/16	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	11/18/16	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	11/18/16	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	11/18/16	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	11/18/16	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	11/18/16	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	11/18/16	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/18/16	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	11/18/16	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/18/16	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	11/18/16	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/18/16	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	11/18/16	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	11/18/16	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/18/16	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	11/18/16	CE	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	11/18/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	Diluted Out			%	1	11/18/16	CE	SW8081B
%TCMX (Surrogate Rec)	Diluted Out			%	1	11/18/16	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	21			%	1	11/22/16	AW	40 - 140 %
% TCMX	67			%	1	11/22/16	AW	40 - 140 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	11/18/16	HM	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/18/16	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Benzene	1.2	0.70	0.25	ug/L	1	11/18/16	HM	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
cis-1,2-Dichloroethene	1.4	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/18/16	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Ethylbenzene	0.34	J 1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/18/16	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	2.1	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	11/18/16	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	11/18/16	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
o-Xylene	0.50	J 1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Toluene	0.33	J 1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/18/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	11/18/16	HM	70 - 130 %
% Bromofluorobenzene	96			%	1	11/18/16	HM	70 - 130 %
% Dibromofluoromethane	98			%	1	11/18/16	HM	70 - 130 %
% Toluene-d8	101			%	1	11/18/16	HM	70 - 130 %
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
2-Nitroaniline	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	11/22/16	DD	SW8270D
3-Nitroaniline	ND	5.0	2.0	ug/L	1	11/22/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	11/22/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	11/22/16	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	11/22/16	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	11/22/16	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Carbazole	ND	5.0	3.8	ug/L	1	11/22/16	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/22/16	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/22/16	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	11/22/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/22/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/22/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Phenol	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	11/22/16	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	11/22/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	103			%	1	11/22/16	DD	15 - 110 %
% 2-Fluorobiphenyl	80			%	1	11/22/16	DD	30 - 130 %
% 2-Fluorophenol	59			%	1	11/22/16	DD	15 - 110 %
% Nitrobenzene-d5	65			%	1	11/22/16	DD	30 - 130 %
% Phenol-d5	69			%	1	11/22/16	DD	15 - 110 %
% Terphenyl-d14	92			%	1	11/22/16	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/21/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	11/21/16	DD	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	11/21/16	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	11/21/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/21/16	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	11/21/16	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	11/21/16	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	112			%	1	11/21/16	DD	15 - 110 %
% 2-Fluorobiphenyl	78			%	1	11/21/16	DD	30 - 130 %
% 2-Fluorophenol	59			%	1	11/21/16	DD	15 - 110 %
% Nitrobenzene-d5	76			%	1	11/21/16	DD	30 - 130 %
% Phenol-d5	74			%	1	11/21/16	DD	15 - 110 %
% Terphenyl-d14	104			%	1	11/21/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
 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.

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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:

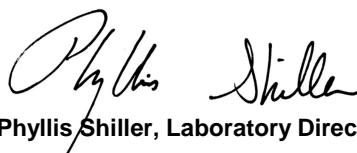
One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

PCB Comment:

Poor surrogate recovery was observed for PCBs. Sample was re-extracted with similar results.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 30, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 30, 2016

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

Sample Information

Matrix: WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

11/16/16
 11/17/16

Time

15:39

Laboratory Data

SDG ID: GBV86885
 Phoenix ID: BV86891

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: TRIP BLANK

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	11/17/16	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	11/17/16	HM	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/17/16	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	11/17/16	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/17/16	HM	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	11/17/16	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	11/17/16	HM	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/17/16	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	11/17/16	HM	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/17/16	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/17/16	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	11/17/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	11/17/16	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	11/17/16	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/17/16	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/17/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/17/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/17/16	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/17/16	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	11/17/16	HM	70 - 130 %
% Bromofluorobenzene	92			%	1	11/17/16	HM	70 - 130 %
% Dibromofluoromethane	92			%	1	11/17/16	HM	70 - 130 %

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	11/17/16	HM	70 - 130 %

1 = This parameter is not certified by 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 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:

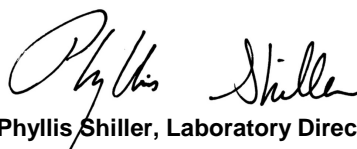
TRIP BLANK INCLUDED.

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 30, 2016

Reviewed and Released by: Ethan Lee, Project Manager

Sample Criteria Exceedances Report

GBV86885 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV86885	\$8260DP25R	Acetone	NY / TAGM - Volatile Organics / Groundwater Standards	290	50	50	50		ug/L
BV86885	\$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	110	20	5	5		ug/L
BV86885	\$8260DP25R	Methyl ethyl ketone	NY / TAGM - Volatile Organics / Groundwater Standards	780	500	50	50		ug/L
BV86885	\$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	440	5.0	5	5		ug/L
BV86885	\$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	590	50	5	5		ug/L
BV86885	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	50	5.0	0.7	0.7		ug/L
BV86885	\$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	20	5	5		ug/L
BV86885	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	8.1	5.0	5	5		ug/L
BV86885	\$8260DP25R	4-Methyl-2-pentanone	NY / TAGM - Volatile Organics / Groundwater Standards	60	50	50	50		ug/L
BV86885	\$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	470	5.0	5	5		ug/L
BV86885	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	7.4	5.0	5	5		ug/L
BV86885	\$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	2	2		ug/L
BV86885	\$8260DP25R	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5		ug/L
BV86885	\$8260DP25R	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	4.7	4.7		ug/L
BV86885	\$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1		ug/L
BV86885	\$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	110	20	10	10		ug/L
BV86885	\$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	9.0	5.0	5	5		ug/L
BV86885	\$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	78	5.0	5	5		ug/L
BV86885	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	8.1	5.0	5	5		ug/L
BV86885	\$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	590	50	5	5		ug/L
BV86885	\$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	470	5.0	5	5		ug/L
BV86885	\$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	6.5	5.0	5	5		ug/L
BV86885	\$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5		ug/L
BV86885	\$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	5.0	2	2		ug/L
BV86885	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4		ug/L
BV86885	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	7.4	5.0	5	5		ug/L
BV86885	\$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	610	50	5	5		ug/L
BV86885	\$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5		ug/L
BV86885	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04		ug/L
BV86885	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.04	0.04		ug/L
BV86885	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.0006	0.0006		ug/L
BV86885	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.6	0.6		ug/L
BV86885	\$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1		ug/L
BV86885	\$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	190	5.0	5	5		ug/L
BV86885	\$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3		ug/L
BV86885	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	29	5.0	5	5		ug/L
BV86885	\$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5		ug/L
BV86885	\$8260DP25R	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5		ug/L
BV86885	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	50	5.0	1	1		ug/L
BV86885	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4		ug/L
BV86885	\$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	440	5.0	5	5		ug/L
BV86885	\$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	4.0	0.5	0.5		ug/L

Sample Criteria Exceedances Report

GBV86885 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV86885	\$8260DP25R	Acetone	NY / TOGS - Water Quality / GA Criteria	290	50	50	50		ug/L
BV86885	\$8260DP25R	Methyl ethyl ketone	NY / TOGS - Water Quality / GA Criteria	780	500	50	50		ug/L
BV86885	\$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	34	0.002	0.002		ug/L
BV86885	\$8270WMDPR	Dibenzofuran	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	29	5	5		ug/L
BV86885	\$8270WMDPR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	220	5	5		ug/L
BV86885	\$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	29	0.35	0.35		ug/L
BV86885	\$8270WMDPR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	47	5	5		ug/L
BV86885	\$8270WMDPR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	100	5	5		ug/L
BV86885	\$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	33	0.002	0.002		ug/L
BV86885	\$8270WMDPR	2-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	63	5	5		ug/L
BV86885	\$8270WMDPR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	45	5	5		ug/L
BV86885	\$8270WMDPR	Acenaphthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	30	20	20		ug/L
BV86885	\$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	33	0.002	0.002		ug/L
BV86885	\$8270WMDPR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	300	5	5		ug/L
BV86885	\$8270WMDPR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	34	0.002	0.002		ug/L
BV86885	\$8270WMDPR	Benzo(ghi)perylene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	32	5	5		ug/L
BV86885	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	47	5	5		ug/L
BV86885	\$8270WMDPR	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	100	29	10	10		ug/L
BV86885	\$8270WMDPR	Acenaphthylene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	28	20	20		ug/L
BV86885	\$8270WMDPR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	70	5	5		ug/L
BV86885	\$8270WMDPR	Pentachlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	38	1	1		ug/L
BV86885	\$8270WMDPR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	35	1	1		ug/L
BV86885	\$8270WMDPR	Nitrobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	35	5	5		ug/L
BV86885	\$8270WMDPR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	32	1	1		ug/L
BV86885	\$8270WMDPR	2,6-Dinitrotoluene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	32	5	5		ug/L
BV86885	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	55	1	1		ug/L
BV86885	\$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	34	0.002	0.002		ug/L
BV86885	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	35	5	5		ug/L
BV86885	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	33	0.002	0.002		ug/L
BV86885	\$8270WMDPR	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	28	4.7	4.7		ug/L
BV86885	\$8270WMDPR	Benzoic acid	NY / TAGM - Volatile Organics / Groundwater Standards	7000	2000	50	50		ug/L
BV86885	\$8270WMDPR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	100	29	5	5		ug/L
BV86885	\$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	35	0.4	0.4		ug/L
BV86885	\$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	34	0.002	0.002		ug/L
BV86885	\$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	33	0.002	0.002		ug/L
BV86885	\$8270WMDPR	Pentachlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	38	1	1		ug/L
BV86885	\$8270WMDPR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	32	1	1		ug/L
BV86885	\$8270WMDPR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	27	1	1		ug/L
BV86885	\$8270WMDPR	Hexachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	30	5	5		ug/L
BV86885	\$8270WMDPR	Bis(2-ethylhexyl)phthalate	NY / TOGS - Water Quality / GA Criteria	ND	29	5	5		ug/L
BV86885	\$8270WMDPR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	34	0.002	0.002		ug/L
BV86885	\$8270WMDPR	Naphthalene	NY / TOGS - Water Quality / GA Criteria	100	29	10	10		ug/L

Sample Criteria Exceedances Report

GBV86885 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV86885	\$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	29	0.04	0.04		ug/L
BV86885	\$8270WMDPR	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	36	0.5	0.5		ug/L
BV86885	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	33	0.002	0.002		ug/L
BV86885	\$8270WMDPR	Hexachlorocyclopentadiene	NY / TOGS - Water Quality / GA Criteria	ND	31	5	5		ug/L
BV86885	\$8270WMDPR	Bis(2-chloroethoxy)methane	NY / TOGS - Water Quality / GA Criteria	ND	28	5	5		ug/L
BV86885	\$8270WMDPR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	28	1	1		ug/L
BV86885	\$8270WMDPR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	110	1	1		ug/L
BV86885	\$8270WMDPR	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	59	5	5		ug/L
BV86885	\$8270WMDPR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	32	1	1		ug/L
BV86885	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	35	1	1		ug/L
BV86885	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	35	5	5		ug/L
BV86885	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1		ug/L
BV86885	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5		ug/L
BV86885	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	70	1	1		ug/L
BV86885	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	70	5	5		ug/L
BV86885	\$8270WMDPR	2,4-Dinitrotoluene	NY / TOGS - Water Quality / GA Criteria	ND	39	5	5		ug/L
BV86885	\$8270WMDPR	2-Chloronaphthalene	NY / TOGS - Water Quality / GA Criteria	ND	28	10	10		ug/L
BV86885	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	55	1	1		ug/L
BV86885	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	47	1	1		ug/L
BV86885	\$8270WMDPR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	47	5	5		ug/L
BV86885	\$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	34	0.002	0.002		ug/L
BV86885	\$8270WMDPR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	300	5	5		ug/L
BV86885	\$8270WMDPR	Acenaphthene	NY / TOGS - Water Quality / GA Criteria	ND	30	20	20		ug/L
BV86885	\$8270WMDPR	2,6-Dinitrotoluene	NY / TOGS - Water Quality / GA Criteria	ND	32	5	5		ug/L
BV86885	\$8270WMDPR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	33	5	5		ug/L
BV86885	\$8270WMDPR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5		ug/L
BV86885	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	35	1	1		ug/L
BV86885	\$8270WMDPR	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	30	3	3		ug/L
BV86885	\$8270WMDPR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	220	5	5		ug/L
BV86885	\$8270WMDPR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	47	5	5		ug/L
BV86885	\$8270WMDPR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	63	1	1		ug/L
BV86885	\$8270WMDPR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	45	1	1		ug/L
BV86885	\$DPPEST_GA	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01		ug/L
BV86885	\$DPPEST_GA	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.50	0.1	0.1		ug/L
BV86885	\$DPPEST_GA	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01		ug/L
BV86885	\$DPPEST_GA	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01		ug/L
BV86885	\$DPPEST_GA	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.015	0.01	0.01		ug/L
BV86885	\$DPPEST_GA	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01		ug/L
BV86885	\$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01		ug/L
BV86885	\$DPPEST_GA	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01		ug/L
BV86885	\$DPPEST_GA	Aldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.020	0.01	0.01		ug/L
BV86885	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.05	0.05		ug/L

Sample Criteria Exceedances Report

GBV86885 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV86885	\$DPPEST_GA	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.025	0.01	0.01		ug/L
BV86885	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.015	0.004	0.004		ug/L
BV86885	\$DPPEST_GA	Heptachlor	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.04	0.04		ug/L
BV86885	\$DPPEST_GA	Heptachlor epoxide	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.03	0.03		ug/L
BV86885	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.06	0.06		ug/L
BV86885	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	6.04	0.010	0.1	0.1		mg/L
BV86885	BA-WMDP	Barium	NY / TOGS - Water Quality / GA Criteria	1.33	0.010	1	1		mg/L
BV86885	CD-WMDP	Cadmium	NY / TOGS - Water Quality / GA Criteria	0.018	0.004	0.005	0.005		mg/L
BV86885	DBA-WMDP	Barium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.16	0.011	1	1		mg/L
BV86885	DCD-WMDP	Cadmium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.015	0.004	0.005	0.005		mg/L
BV86885	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	758	0.11	0.3	0.3		mg/L
BV86885	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	95.1	0.11	35	35		mg/L
BV86885	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	44.8	0.53	0.3	0.3		mg/L
BV86885	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	237	1.1	20	20		mg/L
BV86885	D-PB	Lead (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.037	0.002	0.025	0.025		mg/L
BV86885	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	868	0.10	0.3	0.3		mg/L
BV86885	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	99.1	0.10	35	35		mg/L
BV86885	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	33.0	0.50	0.3	0.3		mg/L
BV86885	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	233	1.0	20	20		mg/L
BV86885	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.059	0.002	0.025	0.025		mg/L
BV86886	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	1.3	0.70	0.7	0.7		ug/L
BV86886	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04		ug/L
BV86886	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04		ug/L
BV86886	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006		ug/L
BV86886	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	1.3	0.70	1	1		ug/L
BV86886	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86886	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86886	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86886	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86886	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86886	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86886	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86886	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86886	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86886	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86886	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86886	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06		ug/L
BV86886	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	62.3	0.01	0.3	0.3		mg/L
BV86886	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	3.37	0.053	0.3	0.3		mg/L
BV86886	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	111	1.1	20	20		mg/L
BV86886	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	121	0.01	0.3	0.3		mg/L

Sample Criteria Exceedances Report

GBV86885 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV86886	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	3.48	0.050	0.3	0.3		mg/L
BV86886	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	107	1.0	20	20		mg/L
BV86887	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04		ug/L
BV86887	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04		ug/L
BV86887	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006		ug/L
BV86887	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86887	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86887	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86887	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86887	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86887	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86887	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86887	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86887	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86887	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86887	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86887	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06		ug/L
BV86887	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	0.182	0.010	0.1	0.1		mg/L
BV86887	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	39.4	0.01	35	35		mg/L
BV86887	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	11.1	0.053	0.3	0.3		mg/L
BV86887	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	126	1.1	20	20		mg/L
BV86887	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	14.6	0.01	0.3	0.3		mg/L
BV86887	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	39.7	0.010	35	35		mg/L
BV86887	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	11.4	0.050	0.3	0.3		mg/L
BV86887	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	122	1.0	20	20		mg/L
BV86888	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	30	1.3	0.7	0.7		ug/L
BV86888	\$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	21	1.0	5	5		ug/L
BV86888	\$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	19	1.0	5	5		ug/L
BV86888	\$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	19	1.0	5	5		ug/L
BV86888	\$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	21	1.0	5	5		ug/L
BV86888	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04		ug/L
BV86888	\$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	17	1.0	5	5		ug/L
BV86888	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04		ug/L
BV86888	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006		ug/L
BV86888	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	30	1.3	1	1		ug/L
BV86888	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86888	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86888	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86888	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86888	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L

Sample Criteria Exceedances Report

GBV86885 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV86888	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86888	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86888	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86888	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86888	\$DP8270-SIMR	Benzo(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86888	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86888	\$DPPEST_GA	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.015	0.01	0.01		ug/L
BV86888	\$DPPEST_GA	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01		ug/L
BV86888	\$DPPEST_GA	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01		ug/L
BV86888	\$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01		ug/L
BV86888	\$DPPEST_GA	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01		ug/L
BV86888	\$DPPEST_GA	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.50	0.1	0.1		ug/L
BV86888	\$DPPEST_GA	Aldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.015	0.01	0.01		ug/L
BV86888	\$DPPEST_GA	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01		ug/L
BV86888	\$DPPEST_GA	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01		ug/L
BV86888	\$DPPEST_GA	Heptachlor epoxide	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.03	0.03		ug/L
BV86888	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.06	0.06		ug/L
BV86888	\$DPPEST_GA	Heptachlor	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.04	0.04		ug/L
BV86888	\$DPPEST_GA	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.025	0.01	0.01		ug/L
BV86888	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.015	0.004	0.004		ug/L
BV86888	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.05	0.05		ug/L
BV86888	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	0.119	0.010	0.1	0.1		mg/L
BV86888	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	7.14	0.01	0.3	0.3		mg/L
BV86888	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.999	0.005	0.3	0.3		mg/L
BV86888	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	124	1.1	20	20		mg/L
BV86888	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	47.4	0.01	0.3	0.3		mg/L
BV86888	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.09	0.005	0.3	0.3		mg/L
BV86888	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	122	1.0	20	20		mg/L
BV86889	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	0.73	0.70	0.7	0.7		ug/L
BV86889	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006		ug/L
BV86889	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04		ug/L
BV86889	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04		ug/L
BV86889	\$DP8270-SIMR	Benzo(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86889	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86889	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86889	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86889	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86889	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86889	\$DP8270-SIMR	Benzo(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86889	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86889	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L

Sample Criteria Exceedances Report

GBV86885 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV86889	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86889	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86889	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06		ug/L
BV86889	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	2.61	0.010	0.1	0.1		mg/L
BV86889	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.72	0.01	0.3	0.3		mg/L
BV86889	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	40.6	0.01	35	35		mg/L
BV86889	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	11.5	0.053	0.3	0.3		mg/L
BV86889	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	129	1.1	20	20		mg/L
BV86889	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	18.1	0.01	0.3	0.3		mg/L
BV86889	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	41.4	0.010	35	35		mg/L
BV86889	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	12.7	0.050	0.3	0.3		mg/L
BV86889	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	121	1.0	20	20		mg/L
BV86890	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	1.2	0.70	0.7	0.7		ug/L
BV86890	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	1.2	0.70	1	1		ug/L
BV86890	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006		ug/L
BV86890	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04		ug/L
BV86890	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04		ug/L
BV86890	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86890	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86890	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86890	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86890	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86890	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV86890	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86890	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86890	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86890	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86890	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV86890	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06		ug/L
BV86890	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	52.3	0.01	0.3	0.3		mg/L
BV86890	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	3.09	0.053	0.3	0.3		mg/L
BV86890	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	102	1.1	20	20		mg/L
BV86890	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	126	0.10	0.3	0.3		mg/L
BV86890	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	3.47	0.050	0.3	0.3		mg/L
BV86890	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	106	1.0	20	20		mg/L
BV86891	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006		ug/L
BV86891	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04		ug/L
BV86891	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04		ug/L

Wednesday, November 30, 2016

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GBV86885 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedance 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



NY Temperature Narration

November 30, 2016

SDG I.D.: GBV86885

The samples in this delivery group were received at 3°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes No
 Coolant: IPK ICE No
 Temp 3 °C Pg 1 of 1

Contact Options:
 Fax:
 Phone: 631-504-6000
 Email: File

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



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

Project: 1181 Flushing Avenue Brooklyn
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

Project P.O.:
 This section **MUST** be completed with **Bottle Quantities.**

Sampler's Signature: Thames Gallo Date: 11-16-16
 Client Sample - Information - Identification

Analysis Request: VOCS BCGO PESTICIDES / PCBs TAL Metals (As, Ni, V, Cr, Mn, Cu, Pb, Zn, Cd, Hg, Ni, Pb, Cr, Mn, Cu, Zn, Cd, Hg)

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
816885	MW6	GW	11-16-16	
816886	MW7	GW	11-16-16	
816887	MW9	GW	11-16-16	
816888	MW10	GW	11-16-16	
816889	GW Duplicate 1	GW	11-16-16	
816890	GW Duplicate 2	GW	11-16-16	
816891	Triplanks			

Soil VOA Vials [Inhand] [H2O]	GL Sol container () or	40 ml VOA Vial [As] [HCl]	GL Sol container () or	PL Asie 250ml [150ml] [1000ml]	PL H2SO4 [1250ml] [1500ml]	PL HNO3 250ml	Bacteria Bottle
		3	3	1			
		3	3	1			
		3	3	1			
		4	9	3			
		3	3	1			
		3	3	1			
		2					

Relinquished by: Thames Gallo Accepted by: [Signature]
 Date: 11-16-16 Time: 9:31
 Date: 11-17-16 Time: 15:39

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

NY: NY 375 GWP
 NY 375 Unrestricted Use Soil
 NY 375 Residential Soil
 Restricted/Residential Commercial Industrial

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

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

State where samples were collected: NY

Comments, Special Requirements or Regulations:
Run MS/MSD on MW10



Tuesday, November 29, 2016

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

Project ID: 1181 FLUSHING AVE., BROOKLYN
Sample ID#s: BV87817 - BV87825

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 have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
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
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



SDG Comments

November 29, 2016

SDG I.D.: GBV87817

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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

11/17/16
 11/18/16

Time

15:49

Laboratory Data

SDG ID: GBV87817
 Phoenix ID: BV87817

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Aluminum	20.9	0.010	0.005	mg/L	1	11/20/16	LK	SW6010C
Arsenic - LDL	0.008	0.004	0.004	mg/L	1	11/20/16	LK	SW6010C
Barium	0.539	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Beryllium	0.001	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Calcium	133	0.010	0.01	mg/L	1	11/20/16	LK	SW6010C
Cadmium	0.002	B 0.004	0.0005	mg/L	1	11/20/16	LK	SW6010C
Cobalt	0.018	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Chromium	0.052	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Copper	0.053	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Aluminum (Dissolved)	ND	0.011	0.005	mg/L	1	11/20/16	LK/MA	SW6010C
Arsenic, (Dissolved)	ND	0.003	0.004	mg/L	1	11/20/16	LK/MA	SW6010C
Barium (Dissolved)	0.230	0.011	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Calcium (Dissolved)	119	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Cadmium (Dissolved)	ND	0.004	0.0005	mg/L	1	11/20/16	LK/MA	SW6010C
Cobalt, (Dissolved)	0.002	B 0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Copper, (Dissolved)	0.001	B 0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Iron, (Dissolved)	0.03	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium (Dissolved)	40.4	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium (Dissolved)	25.3	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Manganese, (Dissolved)	3.43	0.053	0.011	mg/L	10	11/20/16	LK	SW6010C
Sodium (Dissolved)	322	1.1	0.11	mg/L	10	11/20/16	LK	SW6010C
Nickel, (Dissolved)	0.004	B 0.004	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Lead (Dissolved)	ND	0.002	0.001	mg/L	1	11/20/16	LK/MA	SW6010C

Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	11/20/16	RS	SW7010
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	11/22/16	RS	SW7010
Thallium , (Dissolved)	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Zinc, (Dissolved)	0.002	B 0.011	0.0012	mg/L	1	11/20/16	LK/MA	SW6010C
Iron	70.8	0.01	0.01	mg/L	1	11/20/16	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium	45.2	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium	31.4	0.010	0.01	mg/L	1	11/20/16	LK	SW6010C
Manganese	5.40	0.050	0.010	mg/L	10	11/20/16	LK	SW6010C
Sodium	342	1.0	0.10	mg/L	10	11/20/16	LK	SW6010C
Nickel	0.032	0.004	0.001	mg/L	1	11/20/16	LK	SW6010C
Lead	0.051	0.002	0.001	mg/L	1	11/20/16	LK	SW6010C
Antimony	ND	0.002	0.002	mg/L	1	11/20/16	RS	SW7010
Selenium	ND	0.002	0.001	mg/L	1	11/22/16	RS	SW7010
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium	0.057	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Zinc	0.124	0.010	0.0011	mg/L	1	11/20/16	LK	SW6010C
Filtration	Completed					11/18/16	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/21/16	QW/W	SW7470A
Mercury Digestion	Completed					11/21/16	Q/Q	SW7470A
PCB Extraction (2 Liter)	Completed					11/18/16	Z/Z	SW3510C
Extraction for Pest (2 Liter)	Completed					11/18/16	Z/Z	SW3510C
Semi-Volatile Extraction	Completed					11/18/16	P/D/D	SW3520C
Dissolved Metals Preparation	Completed					11/18/16	AG	SW3005A
Total Metals Digestion	Completed					11/18/16	AG	

Pesticides

4,4' -DDD	ND	0.025	0.025	ug/L	10	11/21/16	CE	SW8081B
4,4' -DDE	ND	0.025	0.025	ug/L	10	11/21/16	CE	SW8081B
4,4' -DDT	ND	0.025	0.025	ug/L	10	11/21/16	CE	SW8081B
a-BHC	ND	0.025	0.025	ug/L	10	11/21/16	CE	SW8081B
a-chlordane	ND	0.10	0.10	ug/L	10	11/21/16	CE	SW8081B
Alachlor	ND	0.75	0.75	ug/L	10	11/21/16	CE	SW8081B
Aldrin	ND	0.015	0.015	ug/L	10	11/21/16	CE	SW8081B
b-BHC	ND	0.050	0.050	ug/L	10	11/21/16	CE	SW8081B
Chlordane	ND	0.50	0.50	ug/L	10	11/21/16	CE	SW8081B
d-BHC	ND	0.025	0.025	ug/L	10	11/21/16	CE	SW8081B
Dieldrin	ND	0.015	0.015	ug/L	10	11/21/16	CE	SW8081B
Endosulfan I	ND	0.10	0.10	ug/L	10	11/21/16	CE	SW8081B
Endosulfan II	ND	0.10	0.10	ug/L	10	11/21/16	CE	SW8081B
Endosulfan Sulfate	ND	0.10	0.10	ug/L	10	11/21/16	CE	SW8081B
Endrin	ND	0.050	0.050	ug/L	10	11/21/16	CE	SW8081B
Endrin Aldehyde	ND	0.10	0.10	ug/L	10	11/21/16	CE	SW8081B
Endrin ketone	ND	0.10	0.10	ug/L	10	11/21/16	CE	SW8081B
g-BHC (Lindane)	ND	0.050	0.050	ug/L	10	11/21/16	CE	SW8081B
g-chlordane	ND	0.10	0.10	ug/L	10	11/21/16	CE	SW8081B
Heptachlor	ND	0.050	0.050	ug/L	10	11/21/16	CE	SW8081B
Heptachlor epoxide	ND	0.050	0.050	ug/L	10	11/21/16	CE	SW8081B
Methoxychlor	ND	1.0	1.0	ug/L	10	11/21/16	CE	SW8081B

Ver 1

Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	2.0	2.0	ug/L	10	11/21/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	Diluted Out			%	10	11/21/16	CE	SW8081B
%TCMX (Surrogate Rec)	Diluted Out			%	10	11/21/16	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	45			%	1	11/21/16	AW	40 - 140 %
% TCMX	62			%	1	11/21/16	AW	40 - 140 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	11/19/16	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,2,4-Trimethylbenzene	140	5.0	2.5	ug/L	10	11/21/16	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	11/19/16	HM	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	11/19/16	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/19/16	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,3,5-Trimethylbenzene	18	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	11/19/16	HM	SW8260C
2-Isopropyltoluene	1.0	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/19/16	HM	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	11/19/16	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	11/19/16	HM	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/19/16	HM	SW8260C
Benzene	64	2.5	2.5	ug/L	10	11/21/16	HM	SW8260C

Ver 1

Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/19/16	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Ethylbenzene	440	13	13	ug/L	50	11/22/16	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/19/16	HM	SW8260C
Isopropylbenzene	26	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
m&p-Xylene	290	10	2.5	ug/L	10	11/21/16	HM	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	11/19/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	0.50	J 1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	11/19/16	HM	SW8260C
Naphthalene	58	10	10	ug/L	10	11/21/16	HM	SW8260C
n-Butylbenzene	2.2	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
n-Propylbenzene	44	5.0	2.5	ug/L	10	11/21/16	HM	SW8260C
o-Xylene	70	5.0	2.5	ug/L	10	11/21/16	HM	SW8260C
p-Isopropyltoluene	1.3	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
sec-Butylbenzene	3.1	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
tert-Butylbenzene	0.38	J 1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/19/16	HM	SW8260C
Toluene	24	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/19/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/19/16	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	1	11/19/16	HM	70 - 130 %
% Bromofluorobenzene	99			%	1	11/19/16	HM	70 - 130 %
% Dibromofluoromethane	93			%	1	11/19/16	HM	70 - 130 %
% Toluene-d8	102			%	1	11/19/16	HM	70 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	5.0	1.8	ug/L	1	11/23/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D

Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichlorobenzene	ND	4.7	1.4	ug/L	1	11/23/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
1,3-Dichlorobenzene	ND	3.0	1.5	ug/L	1	11/23/16	DD	SW8270D
1,4-Dichlorobenzene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	2.7	2.7	ug/L	1	11/23/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.6	1.6	ug/L	1	11/23/16	DD	SW8270D
2,4-Dichlorophenol	ND	1.8	1.8	ug/L	1	11/23/16	DD	SW8270D
2,4-Dimethylphenol	4.2	1.2	1.2	ug/L	1	11/23/16	DD	SW8270D
2,4-Dinitrophenol	ND	3.5	3.5	ug/L	1	11/23/16	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	11/23/16	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
2-Chlorophenol	ND	1.4	1.4	ug/L	1	11/23/16	DD	SW8270D
2-Methylnaphthalene	3.2	J 5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	2.4	2.4	ug/L	1	11/23/16	DD	SW8270D
2-Nitroaniline	ND	5.1	5.1	ug/L	1	11/23/16	DD	SW8270D
2-Nitrophenol	ND	3.2	3.2	ug/L	1	11/23/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	1	11/23/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	11/23/16	DD	SW8270D
3-Nitroaniline	ND	11	11	ug/L	1	11/23/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	5.4	5.4	ug/L	1	11/23/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.8	1.8	ug/L	1	11/23/16	DD	SW8270D
4-Chloroaniline	ND	5.0	2.3	ug/L	1	11/23/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
4-Nitrophenol	ND	2.3	2.3	ug/L	1	11/23/16	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Acenaphthylene	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Aniline	ND	15	15	ug/L	1	11/23/16	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Benz(a)anthracene	ND	1.7	1.7	ug/L	1	11/23/16	DD	SW8270D
Benzidine	ND	5.0	2.9	ug/L	1	11/23/16	DD	SW8270D
Benzo(a)pyrene	ND	1.6	1.6	ug/L	1	11/23/16	DD	SW8270D
Benzo(b)fluoranthene	ND	1.7	1.7	ug/L	1	11/23/16	DD	SW8270D
Benzo(ghi)perylene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Benzo(k)fluoranthene	ND	1.7	1.7	ug/L	1	11/23/16	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	11/23/16	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.4	1.4	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	11/23/16	DD	SW8270D
Chrysene	ND	1.7	1.7	ug/L	1	11/23/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D

Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
Hexachlorobenzene	ND	1.5	1.5	ug/L	1	11/23/16	DD	SW8270D
Hexachlorobutadiene	ND	1.8	1.8	ug/L	1	11/23/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Hexachloroethane	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	1.7	1.7	ug/L	1	11/23/16	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Naphthalene	51	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Nitrobenzene	ND	1.8	1.8	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/23/16	DD	SW8270D
Pentachloronitrobenzene	ND	5.0	1.9	ug/L	1	11/23/16	DD	SW8270D
Pentachlorophenol	ND	1.9	1.9	ug/L	1	11/23/16	DD	SW8270D
Phenanthrene	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Phenol	ND	1.6	1.6	ug/L	1	11/23/16	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
Pyridine	ND	5.0	1.2	ug/L	1	11/23/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	115			%	1	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	78			%	1	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	41			%	1	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	87			%	1	11/23/16	DD	30 - 130 %
% Phenol-d5	63			%	1	11/23/16	DD	15 - 110 %
% Terphenyl-d14	75			%	1	11/23/16	DD	30 - 130 %

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Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
 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.

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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:

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.

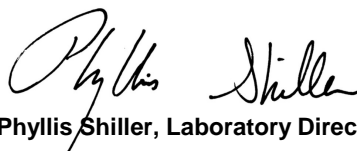
Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Semi-Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

11/17/16

Time

15:49

Laboratory Data

SDG ID: GBV87817
 Phoenix ID: BV87818

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: MW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Aluminum	5.02	0.010	0.005	mg/L	1	11/20/16	LK	SW6010C
Arsenic - LDL	ND	0.004	0.004	mg/L	1	11/20/16	LK	SW6010C
Barium	0.211	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Beryllium	ND	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Calcium	113	0.010	0.01	mg/L	1	11/20/16	LK	SW6010C
Cadmium	0.001	B 0.004	0.0005	mg/L	1	11/20/16	LK	SW6010C
Cobalt	0.005	B 0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Chromium	0.012	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Copper	0.012	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Aluminum (Dissolved)	ND	0.011	0.005	mg/L	1	11/20/16	LK/MA	SW6010C
Arsenic, (Dissolved)	ND	0.003	0.004	mg/L	1	11/20/16	LK/MA	SW6010C
Barium (Dissolved)	0.137	0.011	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Calcium (Dissolved)	112	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Cadmium (Dissolved)	ND	0.004	0.0005	mg/L	1	11/20/16	LK/MA	SW6010C
Cobalt, (Dissolved)	ND	0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Copper, (Dissolved)	ND	0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Iron, (Dissolved)	0.12	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium (Dissolved)	9.5	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium (Dissolved)	29.3	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Manganese, (Dissolved)	6.75	0.053	0.011	mg/L	10	11/20/16	LK	SW6010C
Sodium (Dissolved)	245	1.1	0.11	mg/L	10	11/20/16	LK	SW6010C
Nickel, (Dissolved)	0.001	B 0.004	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Lead (Dissolved)	0.002	0.002	0.001	mg/L	1	11/20/16	LK/MA	SW6010C

Client ID: MW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	11/20/16	RS	SW7010
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	11/22/16	RS	SW7010
Thallium , (Dissolved)	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Zinc, (Dissolved)	ND	0.011	0.0012	mg/L	1	11/20/16	LK/MA	SW6010C
Iron	19.3	0.01	0.01	mg/L	1	11/20/16	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium	10.5	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium	30.9	0.010	0.01	mg/L	1	11/20/16	LK	SW6010C
Manganese	6.91	0.050	0.010	mg/L	10	11/20/16	LK	SW6010C
Sodium	232	1.0	0.10	mg/L	10	11/20/16	LK	SW6010C
Nickel	0.007	0.004	0.001	mg/L	1	11/20/16	LK	SW6010C
Lead	ND	0.002	0.001	mg/L	1	11/20/16	LK	SW6010C
Antimony	ND	0.002	0.002	mg/L	1	11/20/16	RS	SW7010
Selenium	ND	0.002	0.001	mg/L	1	11/22/16	RS	SW7010
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium	0.014	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Zinc	0.028	0.010	0.0011	mg/L	1	11/20/16	LK	SW6010C
Filtration	Completed					11/18/16	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/21/16	QW/W	SW7470A
Mercury Digestion	Completed					11/21/16	Q/Q	SW7470A
PCB Extraction (2 Liter)	Completed					11/18/16	Z/Z	SW3510C
Extraction for Pest (2 Liter)	Completed					11/18/16	Z/Z	SW3510C
Semi-Volatile Extraction	Completed					11/18/16	P/D/D	SW3520C
Dissolved Metals Preparation	Completed					11/18/16	AG	SW3005A
Total Metals Digestion	Completed					11/18/16	AG	
Pesticides								
4,4' -DDD	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B
4,4' -DDE	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B
4,4' -DDT	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	11/22/16	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B
b-BHC	ND	0.040	0.040	ug/L	1	11/22/16	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	11/22/16	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	11/22/16	CE	SW8081B

Client ID: MW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	11/22/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	46			%	1	11/22/16	CE	SW8081B
%TCMX (Surrogate Rec)	74			%	1	11/22/16	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	48			%	1	11/21/16	AW	40 - 140 %
% TCMX	65			%	1	11/21/16	AW	40 - 140 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
1,1,2-Trichloroethane	ND	1.3	1.3	ug/L	5	11/21/16	HM	SW8260C
1,1-Dichloroethane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
1,2,3-Trichloropropane	ND	1.3	1.3	ug/L	5	11/21/16	HM	SW8260C
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
1,2,4-Trimethylbenzene	300	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.5	2.5	ug/L	5	11/21/16	HM	SW8260C
1,2-Dibromoethane	ND	1.3	1.3	ug/L	5	11/21/16	HM	SW8260C
1,2-Dichlorobenzene	ND	4.7	1.3	ug/L	5	11/21/16	HM	SW8260C
1,2-Dichloroethane	ND	2.5	2.5	ug/L	5	11/21/16	HM	SW8260C
1,2-Dichloropropane	ND	1.3	1.3	ug/L	5	11/21/16	HM	SW8260C
1,3,5-Trimethylbenzene	110	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
1,3-Dichlorobenzene	ND	3.0	1.3	ug/L	5	11/21/16	HM	SW8260C
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
2-Hexanone	ND	13	13	ug/L	5	11/21/16	HM	SW8260C
2-Isopropyltoluene	1.5	J 5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
4-Methyl-2-pentanone	ND	13	13	ug/L	5	11/21/16	HM	SW8260C
Acetone	53	S 25	13	ug/L	5	11/21/16	HM	SW8260C
Acrolein	ND	13	13	ug/L	5	11/21/16	HM	SW8260C
Acrylonitrile	ND	13	13	ug/L	5	11/21/16	HM	SW8260C
Benzene	2.3	1.3	1.3	ug/L	5	11/21/16	HM	SW8260C

Ver 1

Client ID: MW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Bromochloromethane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Bromodichloromethane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Bromoform	ND	25	1.3	ug/L	5	11/21/16	HM	SW8260C
Bromomethane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Carbon Disulfide	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Carbon tetrachloride	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Chlorobenzene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Chloroethane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Chloroform	ND	7.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Chloromethane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
cis-1,2-Dichloroethene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	1.3	1.3	ug/L	5	11/21/16	HM	SW8260C
Dibromochloromethane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Dibromomethane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Dichlorodifluoromethane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Ethylbenzene	230	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Hexachlorobutadiene	ND	1.0	1.0	ug/L	5	11/21/16	HM	SW8260C
Isopropylbenzene	22	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
m&p-Xylene	720	20	5.0	ug/L	20	11/19/16	HM	SW8260C
Methyl ethyl ketone	ND	13	13	ug/L	5	11/21/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Methylene chloride	ND	5.0	5.0	ug/L	5	11/21/16	HM	SW8260C
Naphthalene	73	5.0	5.0	ug/L	5	11/21/16	HM	SW8260C
n-Butylbenzene	9.3	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
n-Propylbenzene	53	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
o-Xylene	210	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
p-Isopropyltoluene	2.6	J 5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
sec-Butylbenzene	6.7	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Styrene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
tert-Butylbenzene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Tetrachloroethene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Tetrahydrofuran (THF)	29	25	13	ug/L	5	11/21/16	HM	SW8260C
Toluene	30	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	1.3	1.3	ug/L	5	11/21/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	13	13	ug/L	5	11/21/16	HM	SW8260C
Trichloroethene	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Trichlorofluoromethane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Trichlorotrifluoroethane	ND	5.0	1.3	ug/L	5	11/21/16	HM	SW8260C
Vinyl chloride	ND	2.0	1.3	ug/L	5	11/21/16	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	5	11/21/16	HM	70 - 130 %
% Bromofluorobenzene	95			%	5	11/21/16	HM	70 - 130 %
% Dibromofluoromethane	96			%	5	11/21/16	HM	70 - 130 %
% Toluene-d8	99			%	5	11/21/16	HM	70 - 130 %
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	5.0	1.8	ug/L	1	11/23/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichlorobenzene	ND	4.7	1.4	ug/L	1	11/23/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
1,3-Dichlorobenzene	ND	3.0	1.5	ug/L	1	11/23/16	DD	SW8270D
1,4-Dichlorobenzene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	2.7	2.7	ug/L	1	11/23/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.6	1.6	ug/L	1	11/23/16	DD	SW8270D
2,4-Dichlorophenol	ND	1.8	1.8	ug/L	1	11/23/16	DD	SW8270D
2,4-Dimethylphenol	1.6	1.2	1.2	ug/L	1	11/23/16	DD	SW8270D
2,4-Dinitrophenol	ND	3.5	3.5	ug/L	1	11/23/16	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	11/23/16	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
2-Chlorophenol	ND	1.4	1.4	ug/L	1	11/23/16	DD	SW8270D
2-Methylnaphthalene	11	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	2.4	2.4	ug/L	1	11/23/16	DD	SW8270D
2-Nitroaniline	ND	5.1	5.1	ug/L	1	11/23/16	DD	SW8270D
2-Nitrophenol	ND	3.2	3.2	ug/L	1	11/23/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	1	11/23/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	11/23/16	DD	SW8270D
3-Nitroaniline	ND	11	11	ug/L	1	11/23/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	5.4	5.4	ug/L	1	11/23/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.8	1.8	ug/L	1	11/23/16	DD	SW8270D
4-Chloroaniline	ND	5.0	2.3	ug/L	1	11/23/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
4-Nitrophenol	ND	2.3	2.3	ug/L	1	11/23/16	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Acenaphthylene	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Aniline	ND	15	15	ug/L	1	11/23/16	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Benz(a)anthracene	ND	1.7	1.7	ug/L	1	11/23/16	DD	SW8270D
Benzidine	ND	5.0	2.9	ug/L	1	11/23/16	DD	SW8270D
Benzo(a)pyrene	ND	1.6	1.6	ug/L	1	11/23/16	DD	SW8270D
Benzo(b)fluoranthene	ND	1.7	1.7	ug/L	1	11/23/16	DD	SW8270D
Benzo(ghi)perylene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Benzo(k)fluoranthene	ND	1.7	1.7	ug/L	1	11/23/16	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	11/23/16	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.4	1.4	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	11/23/16	DD	SW8270D
Chrysene	ND	1.7	1.7	ug/L	1	11/23/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D

Client ID: MW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
Hexachlorobenzene	ND	1.5	1.5	ug/L	1	11/23/16	DD	SW8270D
Hexachlorobutadiene	ND	1.8	1.8	ug/L	1	11/23/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Hexachloroethane	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	1.7	1.7	ug/L	1	11/23/16	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Naphthalene	40	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Nitrobenzene	ND	1.8	1.8	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/23/16	DD	SW8270D
Pentachloronitrobenzene	ND	5.0	1.9	ug/L	1	11/23/16	DD	SW8270D
Pentachlorophenol	ND	1.9	1.9	ug/L	1	11/23/16	DD	SW8270D
Phenanthrene	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Phenol	ND	1.6	1.6	ug/L	1	11/23/16	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
Pyridine	ND	5.0	1.2	ug/L	1	11/23/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	92			%	1	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	72			%	1	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	43			%	1	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	72			%	1	11/23/16	DD	30 - 130 %
% Phenol-d5	56			%	1	11/23/16	DD	15 - 110 %
% Terphenyl-d14	75			%	1	11/23/16	DD	30 - 130 %

Client ID: MW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded 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.

Volatile Comment:

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

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

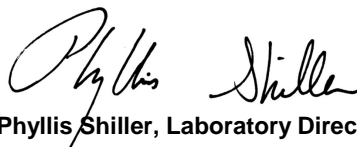
Semi-Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

11/17/16
 11/18/16

Time

15:49

Laboratory Data

SDG ID: GBV87817
 Phoenix ID: BV87819

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: MW3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Aluminum	9.91	0.010	0.005	mg/L	1	11/20/16	LK	SW6010C
Arsenic - LDL	ND	0.004	0.004	mg/L	1	11/20/16	LK	SW6010C
Barium	0.292	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Beryllium	ND	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Calcium	110	0.010	0.01	mg/L	1	11/20/16	LK	SW6010C
Cadmium	0.001	B 0.004	0.0005	mg/L	1	11/20/16	LK	SW6010C
Cobalt	0.012	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Chromium	0.027	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Copper	0.029	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Aluminum (Dissolved)	ND	0.011	0.005	mg/L	1	11/20/16	LK/MA	SW6010C
Arsenic, (Dissolved)	ND	0.003	0.004	mg/L	1	11/20/16	LK/MA	SW6010C
Barium (Dissolved)	0.181	0.011	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Calcium (Dissolved)	96.9	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Cadmium (Dissolved)	ND	0.004	0.0005	mg/L	1	11/20/16	LK/MA	SW6010C
Cobalt, (Dissolved)	0.002	B 0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Copper, (Dissolved)	0.001	B 0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Iron, (Dissolved)	ND	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium (Dissolved)	13.4	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium (Dissolved)	16.2	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Manganese, (Dissolved)	5.54	0.053	0.011	mg/L	10	11/20/16	LK	SW6010C
Sodium (Dissolved)	343	1.1	0.11	mg/L	10	11/20/16	LK	SW6010C
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Lead (Dissolved)	0.003	0.002	0.001	mg/L	1	11/20/16	LK/MA	SW6010C

Client ID: MW3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	11/20/16	RS	SW7010
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	11/22/16	RS	SW7010
Thallium , (Dissolved)	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Zinc, (Dissolved)	ND	0.011	0.0012	mg/L	1	11/20/16	LK/MA	SW6010C
Iron	30.4	0.01	0.01	mg/L	1	11/20/16	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium	17.1	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium	20.7	0.010	0.01	mg/L	1	11/20/16	LK	SW6010C
Manganese	6.36	0.050	0.010	mg/L	10	11/20/16	LK	SW6010C
Sodium	350	1.0	0.10	mg/L	10	11/20/16	LK	SW6010C
Nickel	0.017	0.004	0.001	mg/L	1	11/20/16	LK	SW6010C
Lead	0.011	0.002	0.001	mg/L	1	11/20/16	LK	SW6010C
Antimony	ND	0.002	0.002	mg/L	1	11/20/16	RS	SW7010
Selenium	ND	0.002	0.001	mg/L	1	11/22/16	RS	SW7010
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium	0.031	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Zinc	0.049	0.010	0.0011	mg/L	1	11/20/16	LK	SW6010C
Filtration	Completed					11/18/16	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/21/16	QW/W	SW7470A
Mercury Digestion	Completed					11/21/16	Q/Q	SW7470A
PCB Extraction (2 Liter)	Completed					11/18/16	Z/Z	SW3510C
Extraction for Pest (2 Liter)	Completed					11/18/16	Z/Z	SW3510C
Semi-Volatile Extraction	Completed					11/18/16	P/D/D	SW3520C
Dissolved Metals Preparation	Completed					11/18/16	AG	SW3005A
Total Metals Digestion	Completed					11/18/16	AG	
Pesticides								
4,4' -DDD	ND	0.006	0.011	ug/L	1	11/22/16	CE	SW8081B
4,4' -DDE	ND	0.006	0.011	ug/L	1	11/22/16	CE	SW8081B
4,4' -DDT	ND	0.006	0.011	ug/L	1	11/22/16	CE	SW8081B
a-BHC	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
a-chlordane	ND	0.011	0.011	ug/L	1	11/22/16	CE	SW8081B
Alachlor	ND	0.082	0.082	ug/L	1	11/22/16	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B
b-BHC	ND	0.030	0.030	ug/L	1	11/22/16	CE	SW8081B
Chlordane	ND	0.055	0.055	ug/L	1	11/22/16	CE	SW8081B
d-BHC	ND	0.006	0.006	ug/L	1	11/22/16	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B
Endosulfan I	ND	0.011	0.011	ug/L	1	11/22/16	CE	SW8081B
Endosulfan II	ND	0.011	0.011	ug/L	1	11/22/16	CE	SW8081B
Endosulfan Sulfate	ND	0.011	0.011	ug/L	1	11/22/16	CE	SW8081B
Endrin	ND	0.006	0.006	ug/L	1	11/22/16	CE	SW8081B
Endrin Aldehyde	ND	0.011	0.011	ug/L	1	11/22/16	CE	SW8081B
Endrin ketone	ND	0.011	0.011	ug/L	1	11/22/16	CE	SW8081B
g-BHC (Lindane)	ND	0.006	0.006	ug/L	1	11/22/16	CE	SW8081B
g-chlordane	ND	0.011	0.011	ug/L	1	11/22/16	CE	SW8081B
Heptachlor	ND	0.006	0.006	ug/L	1	11/22/16	CE	SW8081B
Heptachlor epoxide	ND	0.006	0.006	ug/L	1	11/22/16	CE	SW8081B
Methoxychlor	ND	0.11	0.11	ug/L	1	11/22/16	CE	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.22	0.22	ug/L	1	11/22/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	58			%	1	11/22/16	CE	SW8081B
%TCMX (Surrogate Rec)	90			%	1	11/22/16	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.055	0.055	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1221	ND	0.055	0.055	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1232	ND	0.055	0.055	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1242	ND	0.055	0.055	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1248	ND	0.055	0.055	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1254	ND	0.055	0.055	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1260	ND	0.055	0.055	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1262	ND	0.055	0.055	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1268	ND	0.055	0.055	ug/L	1	11/21/16	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	77			%	1	11/21/16	AW	40 - 140 %
% TCMX	83			%	1	11/21/16	AW	40 - 140 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,1,2-Trichloroethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,1-Dichloroethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,1-Dichloroethene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,1-Dichloropropene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	11/19/16	HM	SW8260C
1,2,3-Trichloropropane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	11/19/16	HM	SW8260C
1,2,4-Trimethylbenzene	730	13	13	ug/L	50	11/21/16	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	10	10	ug/L	20	11/19/16	HM	SW8260C
1,2-Dibromoethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,2-Dichlorobenzene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,2-Dichloroethane	ND	10	10	ug/L	20	11/19/16	HM	SW8260C
1,2-Dichloropropane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,3,5-Trimethylbenzene	280	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,3-Dichlorobenzene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,3-Dichloropropane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,4-Dichlorobenzene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
2,2-Dichloropropane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
2-Chlorotoluene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
2-Hexanone	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
2-Isopropyltoluene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
4-Chlorotoluene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
4-Methyl-2-pentanone	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
Acetone	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
Acrolein	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
Acrylonitrile	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
Benzene	170	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Bromochloromethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Bromodichloromethane	ND	20	5.0	ug/L	20	11/19/16	HM	SW8260C
Bromoform	ND	50	5.0	ug/L	20	11/19/16	HM	SW8260C
Bromomethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Carbon Disulfide	ND	20	5.0	ug/L	20	11/19/16	HM	SW8260C
Carbon tetrachloride	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Chlorobenzene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Chloroethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Chloroform	ND	7.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Chloromethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
cis-1,2-Dichloroethene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Dibromochloromethane	ND	20	5.0	ug/L	20	11/19/16	HM	SW8260C
Dibromomethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Dichlorodifluoromethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Ethylbenzene	570	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Hexachlorobutadiene	ND	4.0	4.0	ug/L	20	11/19/16	HM	SW8260C
Isopropylbenzene	79	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
m&p-Xylene	540	20	5.0	ug/L	20	11/19/16	HM	SW8260C
Methyl ethyl ketone	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	20	5.0	ug/L	20	11/19/16	HM	SW8260C
Methylene chloride	ND	20	20	ug/L	20	11/19/16	HM	SW8260C
Naphthalene	190	20	20	ug/L	20	11/19/16	HM	SW8260C
n-Butylbenzene	20	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
n-Propylbenzene	200	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
o-Xylene	130	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
p-Isopropyltoluene	5.2	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
sec-Butylbenzene	13	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Styrene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
tert-Butylbenzene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Tetrachloroethene	5.4	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
Toluene	91	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
Trichloroethene	6.6	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Trichlorofluoromethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Trichlorotrifluoroethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Vinyl chloride	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	20	11/19/16	HM	70 - 130 %
% Bromofluorobenzene	95			%	20	11/19/16	HM	70 - 130 %
% Dibromofluoromethane	95			%	20	11/19/16	HM	70 - 130 %
% Toluene-d8	99			%	20	11/19/16	HM	70 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	26	9.3	ug/L	5	11/23/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	26	7.9	ug/L	5	11/23/16	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichlorobenzene	ND	7.4	7.4	ug/L	5	11/23/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	26	8.6	ug/L	5	11/23/16	DD	SW8270D
1,3-Dichlorobenzene	ND	7.8	7.8	ug/L	5	11/23/16	DD	SW8270D
1,4-Dichlorobenzene	ND	7.8	7.8	ug/L	5	11/23/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	14	14	ug/L	5	11/23/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	8.4	8.4	ug/L	5	11/23/16	DD	SW8270D
2,4-Dichlorophenol	ND	9.3	9.3	ug/L	5	11/23/16	DD	SW8270D
2,4-Dimethylphenol	ND	6.5	6.5	ug/L	5	11/23/16	DD	SW8270D
2,4-Dinitrophenol	ND	18	18	ug/L	5	11/23/16	DD	SW8270D
2,4-Dinitrotoluene	ND	10	10	ug/L	5	11/23/16	DD	SW8270D
2,6-Dinitrotoluene	ND	8.3	8.3	ug/L	5	11/23/16	DD	SW8270D
2-Chloronaphthalene	ND	10	7.5	ug/L	5	11/23/16	DD	SW8270D
2-Chlorophenol	ND	7.5	7.5	ug/L	5	11/23/16	DD	SW8270D
2-Methylnaphthalene	15	J 26	7.8	ug/L	5	11/23/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	12	12	ug/L	5	11/23/16	DD	SW8270D
2-Nitroaniline	ND	27	27	ug/L	5	11/23/16	DD	SW8270D
2-Nitrophenol	ND	17	17	ug/L	5	11/23/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	26	10	ug/L	5	11/23/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	12	12	ug/L	5	11/23/16	DD	SW8270D
3-Nitroaniline	ND	57	57	ug/L	5	11/23/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	28	28	ug/L	5	11/23/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	26	7.7	ug/L	5	11/23/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	9.3	9.3	ug/L	5	11/23/16	DD	SW8270D
4-Chloroaniline	ND	12	12	ug/L	5	11/23/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	26	8.8	ug/L	5	11/23/16	DD	SW8270D
4-Nitroaniline	ND	8.8	8.8	ug/L	5	11/23/16	DD	SW8270D
4-Nitrophenol	ND	12	12	ug/L	5	11/23/16	DD	SW8270D
Acenaphthene	ND	20	8.0	ug/L	5	11/23/16	DD	SW8270D
Acenaphthylene	ND	20	7.4	ug/L	5	11/23/16	DD	SW8270D
Acetophenone	ND	26	8.2	ug/L	5	11/23/16	DD	SW8270D
Aniline	ND	79	79	ug/L	5	11/23/16	DD	SW8270D
Anthracene	ND	26	8.6	ug/L	5	11/23/16	DD	SW8270D
Benz(a)anthracene	ND	8.8	8.8	ug/L	5	11/23/16	DD	SW8270D
Benzidine	ND	15	15	ug/L	5	11/23/16	DD	SW8270D
Benzo(a)pyrene	ND	8.6	8.6	ug/L	5	11/23/16	DD	SW8270D
Benzo(b)fluoranthene	ND	9.0	9.0	ug/L	5	11/23/16	DD	SW8270D
Benzo(ghi)perylene	ND	8.5	8.5	ug/L	5	11/23/16	DD	SW8270D
Benzo(k)fluoranthene	ND	8.7	8.7	ug/L	5	11/23/16	DD	SW8270D
Benzoic acid	ND	53	53	ug/L	5	11/23/16	DD	SW8270D
Benzyl butyl phthalate	ND	26	6.8	ug/L	5	11/23/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	7.3	7.3	ug/L	5	11/23/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	7.1	7.1	ug/L	5	11/23/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	26	7.3	ug/L	5	11/23/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	7.6	7.6	ug/L	5	11/23/16	DD	SW8270D
Carbazole	ND	130	20	ug/L	5	11/23/16	DD	SW8270D
Chrysene	ND	8.8	8.8	ug/L	5	11/23/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	26	8.5	ug/L	5	11/23/16	DD	SW8270D
Dibenzofuran	ND	7.7	7.7	ug/L	5	11/23/16	DD	SW8270D
Diethyl phthalate	ND	26	8.3	ug/L	5	11/23/16	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	26	8.2	ug/L	5	11/23/16	DD	SW8270D
Di-n-butylphthalate	ND	26	7.0	ug/L	5	11/23/16	DD	SW8270D
Di-n-octylphthalate	ND	26	6.8	ug/L	5	11/23/16	DD	SW8270D
Fluoranthene	ND	26	8.5	ug/L	5	11/23/16	DD	SW8270D
Fluorene	ND	26	8.7	ug/L	5	11/23/16	DD	SW8270D
Hexachlorobenzene	ND	7.7	7.7	ug/L	5	11/23/16	DD	SW8270D
Hexachlorobutadiene	ND	9.5	9.5	ug/L	5	11/23/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	8.1	8.1	ug/L	5	11/23/16	DD	SW8270D
Hexachloroethane	ND	7.9	7.9	ug/L	5	11/23/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	8.7	8.7	ug/L	5	11/23/16	DD	SW8270D
Isophorone	ND	26	7.4	ug/L	5	11/23/16	DD	SW8270D
Naphthalene	130	7.6	7.6	ug/L	5	11/23/16	DD	SW8270D
Nitrobenzene	ND	9.2	9.2	ug/L	5	11/23/16	DD	SW8270D
N-Nitrosodimethylamine	ND	26	7.4	ug/L	5	11/23/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	26	8.5	ug/L	5	11/23/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	26	10	ug/L	5	11/23/16	DD	SW8270D
Pentachloronitrobenzene	ND	26	9.8	ug/L	5	11/23/16	DD	SW8270D
Pentachlorophenol	ND	9.9	9.9	ug/L	5	11/23/16	DD	SW8270D
Phenanthrene	ND	26	7.5	ug/L	5	11/23/16	DD	SW8270D
Phenol	ND	8.4	8.4	ug/L	5	11/23/16	DD	SW8270D
Pyrene	ND	26	9.1	ug/L	5	11/23/16	DD	SW8270D
Pyridine	ND	26	6.5	ug/L	5	11/23/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	100			%	5	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	73			%	5	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	43			%	5	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	72			%	5	11/23/16	DD	30 - 130 %
% Phenol-d5	61			%	5	11/23/16	DD	15 - 110 %
% Terphenyl-d14	71			%	5	11/23/16	DD	30 - 130 %

Client ID: MW3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 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.

Volatile Comment:

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

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Semi-Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

11/17/16
 11/18/16

Time

15:49

Laboratory Data

SDG ID: GBV87817
 Phoenix ID: BV87820

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: MW4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Aluminum	32.7	0.10	0.050	mg/L	10	11/20/16	LK	SW6010C
Arsenic - LDL	0.012	0.004	0.004	mg/L	1	11/20/16	LK	SW6010C
Barium	0.507	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Beryllium	0.002	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Calcium	118	0.010	0.01	mg/L	1	11/20/16	LK	SW6010C
Cadmium	0.003	B 0.004	0.0005	mg/L	1	11/20/16	LK	SW6010C
Cobalt	0.041	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Chromium	0.097	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Copper	0.069	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Aluminum (Dissolved)	ND	0.011	0.005	mg/L	1	11/20/16	LK/MA	SW6010C
Arsenic, (Dissolved)	ND	0.003	0.004	mg/L	1	11/20/16	LK/MA	SW6010C
Barium (Dissolved)	0.205	0.011	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Calcium (Dissolved)	105	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Cadmium (Dissolved)	ND	0.004	0.0005	mg/L	1	11/20/16	LK/MA	SW6010C
Cobalt, (Dissolved)	0.011	0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Copper, (Dissolved)	ND	0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Iron, (Dissolved)	8.95	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium (Dissolved)	10.8	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium (Dissolved)	27.9	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Manganese, (Dissolved)	9.87	0.053	0.011	mg/L	10	11/20/16	LK	SW6010C
Sodium (Dissolved)	145	1.1	0.11	mg/L	10	11/20/16	LK	SW6010C
Nickel, (Dissolved)	0.005	0.004	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Lead (Dissolved)	0.002	B 0.002	0.001	mg/L	1	11/20/16	LK/MA	SW6010C

Client ID: MW4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	11/20/16	RS	SW7010
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	11/22/16	RS	SW7010
Thallium , (Dissolved)	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Zinc, (Dissolved)	0.002	B 0.011	0.0012	mg/L	1	11/20/16	LK/MA	SW6010C
Iron	133	0.10	0.10	mg/L	10	11/20/16	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium	17.5	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium	37.8	0.010	0.01	mg/L	1	11/20/16	LK	SW6010C
Manganese	12.1	0.050	0.010	mg/L	10	11/20/16	LK	SW6010C
Sodium	148	1.0	0.10	mg/L	10	11/20/16	LK	SW6010C
Nickel	0.069	0.004	0.001	mg/L	1	11/20/16	LK	SW6010C
Lead	0.021	0.002	0.001	mg/L	1	11/20/16	LK	SW6010C
Antimony	ND	0.002	0.002	mg/L	1	11/20/16	RS	SW7010
Selenium	ND	0.002	0.001	mg/L	1	11/22/16	RS	SW7010
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium	0.088	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Zinc	0.118	0.010	0.0011	mg/L	1	11/20/16	LK	SW6010C
Filtration	Completed					11/18/16	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/21/16	QW/W	SW7470A
Mercury Digestion	Completed					11/21/16	Q/Q	SW7470A
PCB Extraction (2 Liter)	Completed					11/22/16	TZ/Z	SW3510C
Extraction for Pest (2 Liter)	Completed					11/22/16	TZ/Z	SW3510C
Semi-Volatile Extraction	Completed					11/18/16	P/D/D	SW3520C
Dissolved Metals Preparation	Completed					11/18/16	AG	SW3005A
Total Metals Digestion	Completed					11/18/16	AG	

Pesticides

4,4' -DDD	ND	0.005	0.010	ug/L	1	11/23/16	CE	SW8081B
4,4' -DDE	ND	0.005	0.010	ug/L	1	11/23/16	CE	SW8081B
4,4' -DDT	ND	0.005	0.010	ug/L	1	11/23/16	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	11/23/16	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	11/23/16	CE	SW8081B
Aldrin	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	11/23/16	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	11/23/16	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	11/23/16	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	11/23/16	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/23/16	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	11/23/16	CE	SW8081B

Ver 1

Client ID: MW4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Toxaphene	ND	0.20	0.20	ug/L	1	11/23/16	CE	SW8081B	
<u>QA/QC Surrogates</u>									
%DCBP (Surrogate Rec)	41			%	1	11/23/16	CE	SW8081B	
%TCMX (Surrogate Rec)	60			%	1	11/23/16	CE	SW8081B	
<u>Polychlorinated Biphenyls</u>									
PCB-1016	ND	0.050	0.050	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1221	ND	0.050	0.050	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1232	ND	0.050	0.050	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1242	ND	0.050	0.050	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1248	ND	0.050	0.050	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1254	ND	0.050	0.050	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1260	ND	0.050	0.050	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1262	ND	0.050	0.050	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1268	ND	0.050	0.050	ug/L	1	11/23/16	KCA	E608/SW8082A	
<u>QA/QC Surrogates</u>									
% DCBP	39			%	1	11/23/16	KCA	40 - 140 %	3
% TCMX	57			%	1	11/23/16	KCA	40 - 140 %	
<u>Volatiles</u>									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	11/21/16	HM	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/21/16	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,3,5-Trimethylbenzene	0.61	J 1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	11/21/16	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C	
4-Methyl-2-pentanone	5.6	2.5	2.5	ug/L	1	11/21/16	HM	SW8260C	
Acetone	46	S 25	13	ug/L	5	11/21/16	HM	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	11/21/16	HM	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/21/16	HM	SW8260C	
Benzene	1.7	0.70	0.25	ug/L	1	11/21/16	HM	SW8260C	

Client ID: MW4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
cis-1,2-Dichloroethene	0.42	J 1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/21/16	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/21/16	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
m&p-Xylene	0.34	J 1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Methyl ethyl ketone	26	2.5	2.5	ug/L	1	11/21/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	0.64	J 1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	11/21/16	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	11/21/16	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
sec-Butylbenzene	0.25	J 1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/21/16	HM	SW8260C
Toluene	0.79	J 1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/21/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/21/16	HM	SW8260C
Trichloroethene	0.26	J 1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	11/21/16	HM	70 - 130 %
% Bromofluorobenzene	96			%	1	11/21/16	HM	70 - 130 %
% Dibromofluoromethane	101			%	1	11/21/16	HM	70 - 130 %
% Toluene-d8	99			%	1	11/21/16	HM	70 - 130 %
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	110	38	ug/L	20	11/23/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	110	33	ug/L	20	11/23/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichlorobenzene	ND	30	30	ug/L	20	11/23/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	110	35	ug/L	20	11/23/16	DD	SW8270D
1,3-Dichlorobenzene	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
1,4-Dichlorobenzene	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	59	59	ug/L	20	11/23/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	35	35	ug/L	20	11/23/16	DD	SW8270D
2,4-Dichlorophenol	ND	38	38	ug/L	20	11/23/16	DD	SW8270D
2,4-Dimethylphenol	ND	27	27	ug/L	20	11/23/16	DD	SW8270D
2,4-Dinitrophenol	ND	76	76	ug/L	20	11/23/16	DD	SW8270D
2,4-Dinitrotoluene	ND	43	43	ug/L	20	11/23/16	DD	SW8270D
2,6-Dinitrotoluene	ND	34	34	ug/L	20	11/23/16	DD	SW8270D
2-Chloronaphthalene	ND	31	31	ug/L	20	11/23/16	DD	SW8270D
2-Chlorophenol	ND	31	31	ug/L	20	11/23/16	DD	SW8270D
2-Methylnaphthalene	ND	50	32	ug/L	20	11/23/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	51	51	ug/L	20	11/23/16	DD	SW8270D
2-Nitroaniline	ND	110	110	ug/L	20	11/23/16	DD	SW8270D
2-Nitrophenol	ND	69	69	ug/L	20	11/23/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	110	43	ug/L	20	11/23/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	51	51	ug/L	20	11/23/16	DD	SW8270D
3-Nitroaniline	ND	240	240	ug/L	20	11/23/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	120	120	ug/L	20	11/23/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	110	32	ug/L	20	11/23/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	38	38	ug/L	20	11/23/16	DD	SW8270D
4-Chloroaniline	ND	50	50	ug/L	20	11/23/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	110	36	ug/L	20	11/23/16	DD	SW8270D
4-Nitroaniline	ND	36	36	ug/L	20	11/23/16	DD	SW8270D
4-Nitrophenol	ND	49	49	ug/L	20	11/23/16	DD	SW8270D
Acenaphthene	ND	33	33	ug/L	20	11/23/16	DD	SW8270D
Acenaphthylene	ND	30	30	ug/L	20	11/23/16	DD	SW8270D
Acetophenone	ND	110	34	ug/L	20	11/23/16	DD	SW8270D
Aniline	ND	320	320	ug/L	20	11/23/16	DD	SW8270D
Anthracene	ND	50	35	ug/L	20	11/23/16	DD	SW8270D
Benz(a)anthracene	ND	36	36	ug/L	20	11/23/16	DD	SW8270D
Benzidine	ND	64	64	ug/L	20	11/23/16	DD	SW8270D
Benzo(a)pyrene	ND	35	35	ug/L	20	11/23/16	DD	SW8270D
Benzo(b)fluoranthene	ND	37	37	ug/L	20	11/23/16	DD	SW8270D
Benzo(ghi)perylene	ND	35	35	ug/L	20	11/23/16	DD	SW8270D
Benzo(k)fluoranthene	ND	36	36	ug/L	20	11/23/16	DD	SW8270D
Benzoic acid	360	220	220	ug/L	20	11/23/16	DD	SW8270D
Benzyl butyl phthalate	ND	50	28	ug/L	20	11/23/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	30	30	ug/L	20	11/23/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	29	29	ug/L	20	11/23/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	110	30	ug/L	20	11/23/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	31	31	ug/L	20	11/23/16	DD	SW8270D
Carbazole	ND	540	82	ug/L	20	11/23/16	DD	SW8270D
Chrysene	ND	36	36	ug/L	20	11/23/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	50	35	ug/L	20	11/23/16	DD	SW8270D
Dibenzofuran	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
Diethyl phthalate	ND	50	34	ug/L	20	11/23/16	DD	SW8270D

Client ID: MW4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	50	34	ug/L	20	11/23/16	DD	SW8270D
Di-n-butylphthalate	ND	50	29	ug/L	20	11/23/16	DD	SW8270D
Di-n-octylphthalate	ND	50	28	ug/L	20	11/23/16	DD	SW8270D
Fluoranthene	ND	50	35	ug/L	20	11/23/16	DD	SW8270D
Fluorene	ND	50	36	ug/L	20	11/23/16	DD	SW8270D
Hexachlorobenzene	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
Hexachlorobutadiene	ND	39	39	ug/L	20	11/23/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	33	33	ug/L	20	11/23/16	DD	SW8270D
Hexachloroethane	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	36	36	ug/L	20	11/23/16	DD	SW8270D
Isophorone	ND	50	30	ug/L	20	11/23/16	DD	SW8270D
Naphthalene	ND	31	31	ug/L	20	11/23/16	DD	SW8270D
Nitrobenzene	ND	38	38	ug/L	20	11/23/16	DD	SW8270D
N-Nitrosodimethylamine	ND	110	30	ug/L	20	11/23/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	110	35	ug/L	20	11/23/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	50	42	ug/L	20	11/23/16	DD	SW8270D
Pentachloronitrobenzene	ND	110	40	ug/L	20	11/23/16	DD	SW8270D
Pentachlorophenol	ND	41	41	ug/L	20	11/23/16	DD	SW8270D
Phenanthrene	ND	50	31	ug/L	20	11/23/16	DD	SW8270D
Phenol	ND	35	35	ug/L	20	11/23/16	DD	SW8270D
Pyrene	ND	50	37	ug/L	20	11/23/16	DD	SW8270D
Pyridine	ND	50	27	ug/L	20	11/23/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	Diluted Out			%	20	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	Diluted Out			%	20	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	Diluted Out			%	20	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	Diluted Out			%	20	11/23/16	DD	30 - 130 %
% Phenol-d5	Diluted Out			%	20	11/23/16	DD	15 - 110 %
% Terphenyl-d14	Diluted Out			%	20	11/23/16	DD	30 - 130 %

Client ID: MW4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded 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.

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatiles analysis.

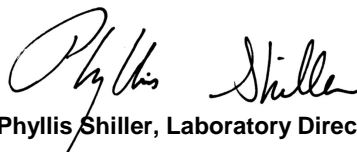
Semi-Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

11/17/16
 11/18/16

Time

15:49

Laboratory Data

SDG ID: GBV87817
 Phoenix ID: BV87821

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: MW5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Aluminum	1.05	0.010	0.005	mg/L	1	11/20/16	LK	SW6010C
Arsenic - LDL	ND	0.004	0.004	mg/L	1	11/20/16	LK	SW6010C
Barium	0.155	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Beryllium	ND	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Calcium	98.0	0.010	0.01	mg/L	1	11/20/16	LK	SW6010C
Cadmium	0.001	B 0.004	0.0005	mg/L	1	11/20/16	LK	SW6010C
Cobalt	0.002	B 0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Chromium	0.003	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Copper	0.004	B 0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Aluminum (Dissolved)	ND	0.011	0.005	mg/L	1	11/20/16	LK/MA	SW6010C
Arsenic, (Dissolved)	ND	0.003	0.004	mg/L	1	11/20/16	LK/MA	SW6010C
Barium (Dissolved)	0.085	0.011	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Calcium (Dissolved)	87.4	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Cadmium (Dissolved)	ND	0.004	0.0005	mg/L	1	11/20/16	LK/MA	SW6010C
Cobalt, (Dissolved)	ND	0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Copper, (Dissolved)	ND	0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Iron, (Dissolved)	0.39	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium (Dissolved)	4.3	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium (Dissolved)	30.1	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Manganese, (Dissolved)	4.56	0.053	0.011	mg/L	10	11/20/16	LK	SW6010C
Sodium (Dissolved)	128	1.1	0.11	mg/L	10	11/20/16	LK	SW6010C
Nickel, (Dissolved)	ND	0.004	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Lead (Dissolved)	ND	0.002	0.001	mg/L	1	11/20/16	LK/MA	SW6010C

Client ID: MW5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	11/20/16	RS	SW7010
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	11/22/16	RS	SW7010
Thallium , (Dissolved)	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Zinc, (Dissolved)	ND	0.011	0.0012	mg/L	1	11/20/16	LK/MA	SW6010C
Iron	28.2	0.01	0.01	mg/L	1	11/20/16	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium	4.8	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium	33.5	0.010	0.01	mg/L	1	11/20/16	LK	SW6010C
Manganese	5.19	0.050	0.010	mg/L	10	11/20/16	LK	SW6010C
Sodium	130	1.0	0.10	mg/L	10	11/20/16	LK	SW6010C
Nickel	0.002	B 0.004	0.001	mg/L	1	11/20/16	LK	SW6010C
Lead	0.006	0.002	0.001	mg/L	1	11/20/16	LK	SW6010C
Antimony	ND	0.002	0.002	mg/L	1	11/20/16	RS	SW7010
Selenium	ND	0.002	0.001	mg/L	1	11/22/16	RS	SW7010
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium	0.004	B 0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Zinc	0.010	0.010	0.0011	mg/L	1	11/20/16	LK	SW6010C
Filtration	Completed					11/18/16	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/21/16	QW/W	SW7470A
Mercury Digestion	Completed					11/21/16	Q/Q	SW7470A
PCB Extraction (2 Liter)	Completed					11/18/16	Z/Z	SW3510C
Extraction for Pest (2 Liter)	Completed					11/18/16	Z/Z	SW3510C
Semi-Volatile Extraction	Completed					11/18/16	P/D/D	SW3520C
Dissolved Metals Preparation	Completed					11/18/16	AG	SW3005A
Total Metals Digestion	Completed					11/18/16	AG	

Pesticides

4,4' -DDD	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B
4,4' -DDE	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B
4,4' -DDT	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Alachlor	ND	0.077	0.077	ug/L	1	11/22/16	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
Chlordane	ND	0.052	0.052	ug/L	1	11/22/16	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endrin	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Heptachlor	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
Heptachlor epoxide	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	11/22/16	CE	SW8081B

Ver 1

Client ID: MW5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.21	0.21	ug/L	1	11/22/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	49			%	1	11/22/16	CE	SW8081B
%TCMX (Surrogate Rec)	69			%	1	11/22/16	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.052	0.052	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1221	ND	0.052	0.052	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1232	ND	0.052	0.052	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1242	ND	0.052	0.052	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1248	ND	0.052	0.052	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1254	ND	0.052	0.052	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1260	ND	0.052	0.052	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1262	ND	0.052	0.052	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1268	ND	0.052	0.052	ug/L	1	11/21/16	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	41			%	1	11/21/16	AW	40 - 140 %
% TCMX	65			%	1	11/21/16	AW	40 - 140 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,1-Dichloroethane	0.53	J 5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	11/21/16	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,2,4-Trimethylbenzene	1.3	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	11/21/16	HM	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	11/21/16	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/21/16	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	11/21/16	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/21/16	HM	SW8260C
Acetone	4.7	JS 5.0	2.5	ug/L	1	11/21/16	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	11/21/16	HM	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/21/16	HM	SW8260C
Benzene	0.73	0.70	0.25	ug/L	1	11/21/16	HM	SW8260C

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
cis-1,2-Dichloroethene	1.4	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/21/16	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Ethylbenzene	1.1	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/21/16	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
m&p-Xylene	3.6	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	11/21/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	11/21/16	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	11/21/16	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
o-Xylene	1.1	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/21/16	HM	SW8260C
Toluene	0.48	J 1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
trans-1,2-Dichloroethene	0.74	J 5.0	0.25	ug/L	1	11/21/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/21/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/21/16	HM	SW8260C
Trichloroethene	1.3	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/21/16	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	11/21/16	HM	70 - 130 %
% Bromofluorobenzene	95			%	1	11/21/16	HM	70 - 130 %
% Dibromofluoromethane	98			%	1	11/21/16	HM	70 - 130 %
% Toluene-d8	100			%	1	11/21/16	HM	70 - 130 %
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D

Client ID: MW5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	11/23/16	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2-Nitroaniline	ND	5.0	2.0	ug/L	1	11/23/16	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	11/23/16	DD	SW8270D
3-Nitroaniline	ND	5.0	2.0	ug/L	1	11/23/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	11/23/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	11/23/16	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	11/23/16	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	11/23/16	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Carbazole	ND	5.0	3.8	ug/L	1	11/23/16	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/23/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Phenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	11/23/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	86			%	1	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	65			%	1	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	66			%	1	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	72			%	1	11/23/16	DD	30 - 130 %
% Phenol-d5	71			%	1	11/23/16	DD	15 - 110 %
% Terphenyl-d14	61			%	1	11/23/16	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/22/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	11/22/16	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	11/22/16	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	11/22/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	11/22/16	DD	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/22/16	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	11/22/16	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	11/22/16	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	11/22/16	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	100			%	1	11/22/16	DD	15 - 110 %
% 2-Fluorobiphenyl	80			%	1	11/22/16	DD	30 - 130 %
% 2-Fluorophenol	78			%	1	11/22/16	DD	15 - 110 %
% Nitrobenzene-d5	87			%	1	11/22/16	DD	30 - 130 %
% Phenol-d5	84			%	1	11/22/16	DD	15 - 110 %
% Terphenyl-d14	101			%	1	11/22/16	DD	30 - 130 %

Client ID: MW5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded 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.

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

11/17/16
 11/18/16

Time

15:49

Laboratory Data

SDG ID: GBV87817
 Phoenix ID: BV87822

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: MW8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Aluminum	6.20	0.010	0.005	mg/L	1	11/20/16	LK	SW6010C
Arsenic - LDL	0.035	0.004	0.004	mg/L	1	11/20/16	LK	SW6010C
Barium	0.450	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Beryllium	ND	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Calcium	162	0.10	0.10	mg/L	10	11/20/16	LK	SW6010C
Cadmium	0.003	B 0.004	0.0005	mg/L	1	11/20/16	LK	SW6010C
Cobalt	0.012	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Chromium	0.021	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Copper	0.022	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Aluminum (Dissolved)	ND	0.011	0.005	mg/L	1	11/22/16	LK/MA	SW6010C
Arsenic, (Dissolved)	0.014	0.003	0.004	mg/L	1	11/22/16	LK/MA	SW6010C
Barium (Dissolved)	0.272	0.011	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Calcium (Dissolved)	155	0.01	0.01	mg/L	1	11/22/16	LK/MA	SW6010C
Cadmium (Dissolved)	0.002	B 0.004	0.0005	mg/L	1	11/22/16	LK/MA	SW6010C
Cobalt, (Dissolved)	0.006	0.005	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Copper, (Dissolved)	ND	0.005	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Iron, (Dissolved)	79.1	0.01	0.01	mg/L	1	11/22/16	LK/MA	SW6010C
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium (Dissolved)	20.6	1.1	0.11	mg/L	10	11/20/16	LK	SW6010C
Magnesium (Dissolved)	26.8	0.01	0.01	mg/L	1	11/22/16	LK/MA	SW6010C
Manganese, (Dissolved)	3.14	0.053	0.011	mg/L	10	11/23/16	LK	SW6010C
Sodium (Dissolved)	151	1.1	0.11	mg/L	10	11/20/16	LK	SW6010C
Nickel, (Dissolved)	0.013	0.004	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Lead (Dissolved)	ND	0.002	0.001	mg/L	1	11/22/16	LK/MA	SW6010C

Client ID: MW8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	11/20/16	RS	SW7010
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	11/22/16	RS	SW7010
Thallium , (Dissolved)	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium, (Dissolved)	0.003	B 0.011	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Zinc, (Dissolved)	0.011	B 0.011	0.0012	mg/L	1	11/22/16	LK/MA	SW6010C
Iron	151	0.10	0.10	mg/L	10	11/20/16	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium	25.2	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium	28.7	0.010	0.01	mg/L	1	11/20/16	LK	SW6010C
Manganese	3.87	0.050	0.010	mg/L	10	11/20/16	LK	SW6010C
Sodium	151	1.0	0.10	mg/L	10	11/20/16	LK	SW6010C
Nickel	0.025	0.004	0.001	mg/L	1	11/20/16	LK	SW6010C
Lead	0.018	0.002	0.001	mg/L	1	11/20/16	LK	SW6010C
Antimony	ND	0.002	0.002	mg/L	1	11/20/16	RS	SW7010
Selenium	ND	0.002	0.001	mg/L	1	11/22/16	RS	SW7010
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium	0.028	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Zinc	0.064	0.010	0.0011	mg/L	1	11/20/16	LK	SW6010C
Filtration	Completed					11/18/16	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/21/16	QW/W	SW7470A
Mercury Digestion	Completed					11/21/16	Q/Q	SW7470A
PCB Extraction (2 Liter)	Completed					11/22/16	TZ/Z	SW3510C
Extraction for Pest (2 Liter)	Completed					11/22/16	TZ/Z	SW3510C
Semi-Volatile Extraction	Completed					11/18/16	P/D/D	SW3520C
Dissolved Metals Preparation	Completed					11/18/16	AG	SW3005A
Total Metals Digestion	Completed					11/18/16	AG	

Pesticides

4,4' -DDD	ND	0.006	0.012	ug/L	1	11/23/16	CE	SW8081B
4,4' -DDE	ND	0.006	0.012	ug/L	1	11/23/16	CE	SW8081B
4,4' -DDT	ND	0.006	0.012	ug/L	1	11/23/16	CE	SW8081B
a-BHC	ND	0.006	0.006	ug/L	1	11/23/16	CE	SW8081B
a-chlordane	ND	0.012	0.012	ug/L	1	11/23/16	CE	SW8081B
Alachlor	ND	0.089	0.089	ug/L	1	11/23/16	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	11/23/16	CE	SW8081B
b-BHC	ND	0.006	0.006	ug/L	1	11/23/16	CE	SW8081B
Chlordane	ND	0.060	0.060	ug/L	1	11/23/16	CE	SW8081B
d-BHC	ND	0.006	0.006	ug/L	1	11/23/16	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	11/23/16	CE	SW8081B
Endosulfan I	ND	0.012	0.012	ug/L	1	11/23/16	CE	SW8081B
Endosulfan II	ND	0.012	0.012	ug/L	1	11/23/16	CE	SW8081B
Endosulfan Sulfate	ND	0.012	0.012	ug/L	1	11/23/16	CE	SW8081B
Endrin	ND	0.006	0.006	ug/L	1	11/23/16	CE	SW8081B
Endrin Aldehyde	ND	0.012	0.012	ug/L	1	11/23/16	CE	SW8081B
Endrin ketone	ND	0.012	0.012	ug/L	1	11/23/16	CE	SW8081B
g-BHC (Lindane)	ND	0.006	0.006	ug/L	1	11/23/16	CE	SW8081B
g-chlordane	ND	0.012	0.012	ug/L	1	11/23/16	CE	SW8081B
Heptachlor	ND	0.006	0.006	ug/L	1	11/23/16	CE	SW8081B
Heptachlor epoxide	ND	0.006	0.006	ug/L	1	11/23/16	CE	SW8081B
Methoxychlor	ND	0.12	0.12	ug/L	1	11/23/16	CE	SW8081B

Ver 1

Client ID: MW8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Toxaphene	ND	0.24	0.24	ug/L	1	11/23/16	CE	SW8081B	
<u>QA/QC Surrogates</u>									
%DCBP (Surrogate Rec)	14			%	1	11/23/16	CE	SW8081B	
%TCMX (Surrogate Rec)	21			%	1	11/23/16	CE	SW8081B	
<u>Polychlorinated Biphenyls</u>									
PCB-1016	ND	0.060	0.060	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1221	ND	0.060	0.060	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1232	ND	0.060	0.060	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1242	ND	0.060	0.060	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1248	ND	0.060	0.060	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1254	ND	0.060	0.060	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1260	ND	0.060	0.060	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1262	ND	0.060	0.060	ug/L	1	11/23/16	KCA	E608/SW8082A	
PCB-1268	ND	0.060	0.060	ug/L	1	11/23/16	KCA	E608/SW8082A	
<u>QA/QC Surrogates</u>									
% DCBP	21			%	1	11/23/16	KCA	40 - 140 %	3
% TCMX	31			%	1	11/23/16	KCA	40 - 140 %	3
<u>Volatiles</u>									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,2,4-Trimethylbenzene	5.4	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	11/19/16	HM	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/19/16	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,3,5-Trimethylbenzene	1.7	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	11/19/16	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C	
4-Methyl-2-pentanone	30	2.5	2.5	ug/L	1	11/19/16	HM	SW8260C	
Acetone	180	S 50	25	ug/L	10	11/21/16	HM	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	11/19/16	HM	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/19/16	HM	SW8260C	
Benzene	5.5	0.70	0.25	ug/L	1	11/19/16	HM	SW8260C	

Client ID: MW8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Carbon Disulfide	0.94	J 1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
cis-1,2-Dichloroethene	0.55	J 1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/19/16	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Ethylbenzene	4.1	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/19/16	HM	SW8260C
Isopropylbenzene	0.41	J 1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
m&p-Xylene	9.7	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Methyl ethyl ketone	130	25	25	ug/L	10	11/21/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	8.8	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	11/19/16	HM	SW8260C
Naphthalene	2.7	1.0	1.0	ug/L	1	11/19/16	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
n-Propylbenzene	0.55	J 1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
o-Xylene	5.5	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
p-Isopropyltoluene	0.30	J 1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/19/16	HM	SW8260C
Toluene	15	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/19/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/19/16	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/19/16	HM	70 - 130 %
% Bromofluorobenzene	95			%	1	11/19/16	HM	70 - 130 %
% Dibromofluoromethane	94			%	1	11/19/16	HM	70 - 130 %
% Toluene-d8	100			%	1	11/19/16	HM	70 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	110	39	ug/L	20	11/23/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	110	34	ug/L	20	11/23/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichlorobenzene	ND	31	31	ug/L	20	11/23/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	110	36	ug/L	20	11/23/16	DD	SW8270D
1,3-Dichlorobenzene	ND	33	33	ug/L	20	11/23/16	DD	SW8270D
1,4-Dichlorobenzene	ND	33	33	ug/L	20	11/23/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	61	61	ug/L	20	11/23/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	36	36	ug/L	20	11/23/16	DD	SW8270D
2,4-Dichlorophenol	ND	39	39	ug/L	20	11/23/16	DD	SW8270D
2,4-Dimethylphenol	ND	28	28	ug/L	20	11/23/16	DD	SW8270D
2,4-Dinitrophenol	ND	78	78	ug/L	20	11/23/16	DD	SW8270D
2,4-Dinitrotoluene	ND	44	44	ug/L	20	11/23/16	DD	SW8270D
2,6-Dinitrotoluene	ND	35	35	ug/L	20	11/23/16	DD	SW8270D
2-Chloronaphthalene	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
2-Chlorophenol	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
2-Methylnaphthalene	ND	50	33	ug/L	20	11/23/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	52	52	ug/L	20	11/23/16	DD	SW8270D
2-Nitroaniline	ND	110	110	ug/L	20	11/23/16	DD	SW8270D
2-Nitrophenol	ND	70	70	ug/L	20	11/23/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	60	J 110	44	ug/L	20	11/23/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	52	52	ug/L	20	11/23/16	DD	SW8270D
3-Nitroaniline	ND	240	240	ug/L	20	11/23/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	120	120	ug/L	20	11/23/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	110	33	ug/L	20	11/23/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	39	39	ug/L	20	11/23/16	DD	SW8270D
4-Chloroaniline	ND	52	52	ug/L	20	11/23/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	110	37	ug/L	20	11/23/16	DD	SW8270D
4-Nitroaniline	ND	37	37	ug/L	20	11/23/16	DD	SW8270D
4-Nitrophenol	ND	50	50	ug/L	20	11/23/16	DD	SW8270D
Acenaphthene	ND	34	34	ug/L	20	11/23/16	DD	SW8270D
Acenaphthylene	ND	31	31	ug/L	20	11/23/16	DD	SW8270D
Acetophenone	ND	110	35	ug/L	20	11/23/16	DD	SW8270D
Aniline	ND	330	330	ug/L	20	11/23/16	DD	SW8270D
Anthracene	ND	50	36	ug/L	20	11/23/16	DD	SW8270D
Benz(a)anthracene	ND	37	37	ug/L	20	11/23/16	DD	SW8270D
Benzidine	ND	65	65	ug/L	20	11/23/16	DD	SW8270D
Benzo(a)pyrene	ND	36	36	ug/L	20	11/23/16	DD	SW8270D
Benzo(b)fluoranthene	ND	38	38	ug/L	20	11/23/16	DD	SW8270D
Benzo(ghi)perylene	ND	36	36	ug/L	20	11/23/16	DD	SW8270D
Benzo(k)fluoranthene	ND	37	37	ug/L	20	11/23/16	DD	SW8270D
Benzoic acid	3300	2200	2200	ug/L	200	11/23/16	DD	SW8270D
Benzyl butyl phthalate	ND	50	29	ug/L	20	11/23/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	31	31	ug/L	20	11/23/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	30	30	ug/L	20	11/23/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	110	31	ug/L	20	11/23/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
Carbazole	ND	560	84	ug/L	20	11/23/16	DD	SW8270D
Chrysene	ND	37	37	ug/L	20	11/23/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	50	36	ug/L	20	11/23/16	DD	SW8270D
Dibenzofuran	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
Diethyl phthalate	ND	50	35	ug/L	20	11/23/16	DD	SW8270D

Client ID: MW8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	50	34	ug/L	20	11/23/16	DD	SW8270D
Di-n-butylphthalate	ND	50	30	ug/L	20	11/23/16	DD	SW8270D
Di-n-octylphthalate	ND	50	29	ug/L	20	11/23/16	DD	SW8270D
Fluoranthene	ND	50	36	ug/L	20	11/23/16	DD	SW8270D
Fluorene	ND	50	37	ug/L	20	11/23/16	DD	SW8270D
Hexachlorobenzene	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
Hexachlorobutadiene	ND	40	40	ug/L	20	11/23/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	34	34	ug/L	20	11/23/16	DD	SW8270D
Hexachloroethane	ND	33	33	ug/L	20	11/23/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	37	37	ug/L	20	11/23/16	DD	SW8270D
Isophorone	ND	50	31	ug/L	20	11/23/16	DD	SW8270D
Naphthalene	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
Nitrobenzene	ND	39	39	ug/L	20	11/23/16	DD	SW8270D
N-Nitrosodimethylamine	ND	110	31	ug/L	20	11/23/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	110	36	ug/L	20	11/23/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	50	43	ug/L	20	11/23/16	DD	SW8270D
Pentachloronitrobenzene	ND	110	41	ug/L	20	11/23/16	DD	SW8270D
Pentachlorophenol	ND	42	42	ug/L	20	11/23/16	DD	SW8270D
Phenanthrene	ND	50	32	ug/L	20	11/23/16	DD	SW8270D
Phenol	ND	36	36	ug/L	20	11/23/16	DD	SW8270D
Pyrene	ND	50	38	ug/L	20	11/23/16	DD	SW8270D
Pyridine	ND	50	27	ug/L	20	11/23/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	Diluted Out			%	20	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	Diluted Out			%	20	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	Diluted Out			%	20	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	Diluted Out			%	20	11/23/16	DD	30 - 130 %
% Phenol-d5	Diluted Out			%	20	11/23/16	DD	15 - 110 %
% Terphenyl-d14	Diluted Out			%	20	11/23/16	DD	30 - 130 %

Client ID: MW8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 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.

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Semi-Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

PCB Comment:

Poor surrogate recovery was observed for PCBs. Sample was re-extracted with similar results.

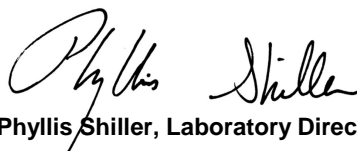
Pesticide Comment:

Poor surrogate recovery was observed. Sample was re-extracted with similar results.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/17/16
 11/18/16 15:49

Laboratory Data

SDG ID: GBV87817
 Phoenix ID: BV87823

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: MW14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Aluminum	1.25	0.010	0.005	mg/L	1	11/20/16	LK	SW6010C
Arsenic - LDL	0.009	0.004	0.004	mg/L	1	11/20/16	LK	SW6010C
Barium	0.318	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Beryllium	ND	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Calcium	211	0.10	0.10	mg/L	10	11/20/16	LK	SW6010C
Cadmium	0.004	B 0.004	0.0005	mg/L	1	11/20/16	LK	SW6010C
Cobalt	0.002	B 0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Chromium	0.005	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Copper	0.001	B 0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Aluminum (Dissolved)	0.008	B 0.011	0.005	mg/L	1	11/22/16	LK/MA	SW6010C
Arsenic, (Dissolved)	0.005	0.003	0.004	mg/L	1	11/22/16	LK/MA	SW6010C
Barium (Dissolved)	0.203	0.011	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Calcium (Dissolved)	196	0.11	0.11	mg/L	10	11/23/16	LK	SW6010C
Cadmium (Dissolved)	0.001	B 0.004	0.0005	mg/L	1	11/22/16	LK/MA	SW6010C
Cobalt, (Dissolved)	ND	0.005	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Copper, (Dissolved)	ND	0.005	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Iron, (Dissolved)	46.9	0.01	0.01	mg/L	1	11/22/16	LK/MA	SW6010C
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium (Dissolved)	13.8	1.1	0.11	mg/L	10	11/20/16	LK	SW6010C
Magnesium (Dissolved)	29.5	0.01	0.01	mg/L	1	11/22/16	LK/MA	SW6010C
Manganese, (Dissolved)	13.5	0.053	0.011	mg/L	10	11/23/16	LK	SW6010C
Sodium (Dissolved)	282	1.1	0.11	mg/L	10	11/20/16	LK	SW6010C
Nickel, (Dissolved)	ND	0.004	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Lead (Dissolved)	ND	0.002	0.001	mg/L	1	11/22/16	LK/MA	SW6010C

Client ID: MW14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	11/20/16	RS	SW7010
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	11/22/16	RS	SW7010
Thallium , (Dissolved)	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	11/22/16	LK/MA	SW6010C
Zinc, (Dissolved)	0.007	B 0.011	0.0012	mg/L	1	11/22/16	LK/MA	SW6010C
Iron	158	0.10	0.10	mg/L	10	11/20/16	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium	17.9	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium	30.4	0.010	0.01	mg/L	1	11/20/16	LK	SW6010C
Manganese	14.3	0.050	0.010	mg/L	10	11/20/16	LK	SW6010C
Sodium	279	1.0	0.10	mg/L	10	11/20/16	LK	SW6010C
Nickel	0.004	0.004	0.001	mg/L	1	11/20/16	LK	SW6010C
Lead	0.009	0.002	0.001	mg/L	1	11/20/16	LK	SW6010C
Antimony	ND	0.002	0.002	mg/L	1	11/20/16	RS	SW7010
Selenium	ND	0.002	0.001	mg/L	1	11/22/16	RS	SW7010
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium	0.005	B 0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Zinc	0.026	0.010	0.0011	mg/L	1	11/20/16	LK	SW6010C
Filtration	Completed					11/18/16	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/21/16	QW/W	SW7470A
Mercury Digestion	Completed					11/21/16	Q/Q	SW7470A
PCB Extraction (2 Liter)	Completed					11/22/16	TZ/Z	SW3510C
Extraction for Pest (2 Liter)	Completed					11/22/16	TZ/Z	SW3510C
Semi-Volatile Extraction	Completed					11/18/16	P/D/D	SW3520C
Dissolved Metals Preparation	Completed					11/18/16	AG	SW3005A
Total Metals Digestion	Completed					11/18/16	AG	
Pesticides								
4,4' -DDD	ND	0.005	0.010	ug/L	1	11/23/16	CE	SW8081B
4,4' -DDE	ND	0.005	0.010	ug/L	1	11/23/16	CE	SW8081B
4,4' -DDT	ND	0.007	0.007	ug/L	1	11/23/16	CE	SW8081B
a-BHC	ND	0.020	0.020	ug/L	1	11/23/16	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Alachlor	ND	0.078	0.078	ug/L	1	11/23/16	CE	SW8081B
Aldrin	ND	0.003	0.003	ug/L	1	11/23/16	CE	SW8081B
b-BHC	ND	0.020	0.020	ug/L	1	11/23/16	CE	SW8081B
Chlordane	ND	0.052	0.052	ug/L	1	11/23/16	CE	SW8081B
d-BHC	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Dieldrin	ND	0.005	0.005	ug/L	1	11/23/16	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Endrin	ND	0.005	0.005	ug/L	1	11/23/16	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	11/23/16	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/23/16	CE	SW8081B
g-chlordane	ND	0.030	0.030	ug/L	1	11/23/16	CE	SW8081B
Heptachlor	ND	0.005	0.005	ug/L	1	11/23/16	CE	SW8081B
Heptachlor epoxide	ND	0.005	0.005	ug/L	1	11/23/16	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	11/23/16	CE	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.21	0.21	ug/L	1	11/23/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	29			%	1	11/23/16	CE	SW8081B
%TCMX (Surrogate Rec)	51			%	1	11/23/16	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	0.16	0.052	0.052	ug/L	1	11/23/16	KCA	E608/SW8082A
PCB-1221	ND	0.052	0.052	ug/L	1	11/23/16	KCA	E608/SW8082A
PCB-1232	ND	0.052	0.052	ug/L	1	11/23/16	KCA	E608/SW8082A
PCB-1242	ND	0.052	0.052	ug/L	1	11/23/16	KCA	E608/SW8082A
PCB-1248	ND	0.052	0.052	ug/L	1	11/23/16	KCA	E608/SW8082A
PCB-1254	ND	0.052	0.052	ug/L	1	11/23/16	KCA	E608/SW8082A
PCB-1260	ND	0.052	0.052	ug/L	1	11/23/16	KCA	E608/SW8082A
PCB-1262	ND	0.052	0.052	ug/L	1	11/23/16	KCA	E608/SW8082A
PCB-1268	ND	0.052	0.052	ug/L	1	11/23/16	KCA	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	72			%	1	11/23/16	KCA	40 - 140 %
% TCMX	73			%	1	11/23/16	KCA	40 - 140 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,1,2-Trichloroethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,1-Dichloroethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,1-Dichloroethene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,1-Dichloropropene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	11/19/16	HM	SW8260C
1,2,3-Trichloropropane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	11/19/16	HM	SW8260C
1,2,4-Trimethylbenzene	1400	50	50	ug/L	200	11/21/16	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	10	10	ug/L	20	11/19/16	HM	SW8260C
1,2-Dibromoethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,2-Dichlorobenzene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,2-Dichloroethane	ND	10	10	ug/L	20	11/19/16	HM	SW8260C
1,2-Dichloropropane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,3,5-Trimethylbenzene	400	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,3-Dichlorobenzene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,3-Dichloropropane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
1,4-Dichlorobenzene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
2,2-Dichloropropane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
2-Chlorotoluene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
2-Hexanone	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
2-Isopropyltoluene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
4-Chlorotoluene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
4-Methyl-2-pentanone	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
Acetone	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
Acrolein	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
Acrylonitrile	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
Benzene	380	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Bromochloromethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Bromodichloromethane	ND	20	5.0	ug/L	20	11/19/16	HM	SW8260C
Bromoform	ND	50	5.0	ug/L	20	11/19/16	HM	SW8260C
Bromomethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Carbon Disulfide	12	J 20	5.0	ug/L	20	11/19/16	HM	SW8260C
Carbon tetrachloride	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Chlorobenzene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Chloroethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Chloroform	ND	7.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Chloromethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
cis-1,2-Dichloroethene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Dibromochloromethane	ND	20	5.0	ug/L	20	11/19/16	HM	SW8260C
Dibromomethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Dichlorodifluoromethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Ethylbenzene	940	50	50	ug/L	200	11/21/16	HM	SW8260C
Hexachlorobutadiene	ND	4.0	4.0	ug/L	20	11/19/16	HM	SW8260C
Isopropylbenzene	64	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
m&p-Xylene	3700	200	50	ug/L	200	11/21/16	HM	SW8260C
Methyl ethyl ketone	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	20	5.0	ug/L	20	11/19/16	HM	SW8260C
Methylene chloride	ND	20	20	ug/L	20	11/19/16	HM	SW8260C
Naphthalene	250	20	20	ug/L	20	11/19/16	HM	SW8260C
n-Butylbenzene	16	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
n-Propylbenzene	170	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
o-Xylene	1500	50	50	ug/L	200	11/21/16	HM	SW8260C
p-Isopropyltoluene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
sec-Butylbenzene	12	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Styrene	6.9	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
tert-Butylbenzene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Tetrachloroethene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
Toluene	1100	50	50	ug/L	200	11/21/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	50	50	ug/L	20	11/19/16	HM	SW8260C
Trichloroethene	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Trichlorofluoromethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Trichlorotrifluoroethane	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
Vinyl chloride	ND	5.0	5.0	ug/L	20	11/19/16	HM	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	20	11/19/16	HM	70 - 130 %
% Bromofluorobenzene	94			%	20	11/19/16	HM	70 - 130 %
% Dibromofluoromethane	96			%	20	11/19/16	HM	70 - 130 %
% Toluene-d8	100			%	20	11/19/16	HM	70 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	100	35	ug/L	20	11/23/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	100	30	ug/L	20	11/23/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichlorobenzene	ND	28	28	ug/L	20	11/23/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	100	33	ug/L	20	11/23/16	DD	SW8270D
1,3-Dichlorobenzene	ND	30	30	ug/L	20	11/23/16	DD	SW8270D
1,4-Dichlorobenzene	ND	30	30	ug/L	20	11/23/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	55	55	ug/L	20	11/23/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
2,4-Dichlorophenol	ND	35	35	ug/L	20	11/23/16	DD	SW8270D
2,4-Dimethylphenol	ND	25	25	ug/L	20	11/23/16	DD	SW8270D
2,4-Dinitrophenol	ND	70	70	ug/L	20	11/23/16	DD	SW8270D
2,4-Dinitrotoluene	ND	39	39	ug/L	20	11/23/16	DD	SW8270D
2,6-Dinitrotoluene	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
2-Chloronaphthalene	ND	28	28	ug/L	20	11/23/16	DD	SW8270D
2-Chlorophenol	ND	28	28	ug/L	20	11/23/16	DD	SW8270D
2-Methylnaphthalene	67	50	30	ug/L	20	11/23/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	47	47	ug/L	20	11/23/16	DD	SW8270D
2-Nitroaniline	ND	100	100	ug/L	20	11/23/16	DD	SW8270D
2-Nitrophenol	ND	63	63	ug/L	20	11/23/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	100	39	ug/L	20	11/23/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	47	47	ug/L	20	11/23/16	DD	SW8270D
3-Nitroaniline	ND	220	220	ug/L	20	11/23/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	110	110	ug/L	20	11/23/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	100	29	ug/L	20	11/23/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	35	35	ug/L	20	11/23/16	DD	SW8270D
4-Chloroaniline	ND	47	47	ug/L	20	11/23/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	100	34	ug/L	20	11/23/16	DD	SW8270D
4-Nitroaniline	ND	33	33	ug/L	20	11/23/16	DD	SW8270D
4-Nitrophenol	ND	45	45	ug/L	20	11/23/16	DD	SW8270D
Acenaphthene	ND	30	30	ug/L	20	11/23/16	DD	SW8270D
Acenaphthylene	ND	28	28	ug/L	20	11/23/16	DD	SW8270D
Acetophenone	ND	100	31	ug/L	20	11/23/16	DD	SW8270D
Aniline	ND	300	300	ug/L	20	11/23/16	DD	SW8270D
Anthracene	ND	50	33	ug/L	20	11/23/16	DD	SW8270D
Benz(a)anthracene	ND	34	34	ug/L	20	11/23/16	DD	SW8270D
Benzidine	ND	59	59	ug/L	20	11/23/16	DD	SW8270D
Benzo(a)pyrene	ND	33	33	ug/L	20	11/23/16	DD	SW8270D
Benzo(b)fluoranthene	ND	34	34	ug/L	20	11/23/16	DD	SW8270D
Benzo(ghi)perylene	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
Benzo(k)fluoranthene	ND	33	33	ug/L	20	11/23/16	DD	SW8270D
Benzoic acid	3700	2000	2000	ug/L	200	11/23/16	DD	SW8270D
Benzyl butyl phthalate	ND	50	26	ug/L	20	11/23/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	28	28	ug/L	20	11/23/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	27	27	ug/L	20	11/23/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	100	28	ug/L	20	11/23/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	29	29	ug/L	20	11/23/16	DD	SW8270D
Carbazole	ND	500	76	ug/L	20	11/23/16	DD	SW8270D
Chrysene	ND	34	34	ug/L	20	11/23/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	50	32	ug/L	20	11/23/16	DD	SW8270D
Dibenzofuran	ND	29	29	ug/L	20	11/23/16	DD	SW8270D
Diethyl phthalate	ND	50	32	ug/L	20	11/23/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	50	31	ug/L	20	11/23/16	DD	SW8270D
Di-n-butylphthalate	ND	50	27	ug/L	20	11/23/16	DD	SW8270D
Di-n-octylphthalate	ND	50	26	ug/L	20	11/23/16	DD	SW8270D
Fluoranthene	ND	50	32	ug/L	20	11/23/16	DD	SW8270D
Fluorene	ND	50	33	ug/L	20	11/23/16	DD	SW8270D
Hexachlorobenzene	ND	29	29	ug/L	20	11/23/16	DD	SW8270D
Hexachlorobutadiene	ND	36	36	ug/L	20	11/23/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	31	31	ug/L	20	11/23/16	DD	SW8270D
Hexachloroethane	ND	30	30	ug/L	20	11/23/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	33	33	ug/L	20	11/23/16	DD	SW8270D
Isophorone	ND	50	28	ug/L	20	11/23/16	DD	SW8270D
Naphthalene	260	29	29	ug/L	20	11/23/16	DD	SW8270D
Nitrobenzene	ND	35	35	ug/L	20	11/23/16	DD	SW8270D
N-Nitrosodimethylamine	ND	100	28	ug/L	20	11/23/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	100	32	ug/L	20	11/23/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	50	38	ug/L	20	11/23/16	DD	SW8270D
Pentachloronitrobenzene	ND	100	37	ug/L	20	11/23/16	DD	SW8270D
Pentachlorophenol	ND	38	38	ug/L	20	11/23/16	DD	SW8270D
Phenanthrene	ND	50	29	ug/L	20	11/23/16	DD	SW8270D
Phenol	ND	32	32	ug/L	20	11/23/16	DD	SW8270D
Pyrene	ND	50	34	ug/L	20	11/23/16	DD	SW8270D
Pyridine	ND	50	25	ug/L	20	11/23/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	Diluted Out			%	20	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	Diluted Out			%	20	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	Diluted Out			%	20	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	Diluted Out			%	20	11/23/16	DD	30 - 130 %
% Phenol-d5	Diluted Out			%	20	11/23/16	DD	15 - 110 %
% Terphenyl-d14	Diluted Out			%	20	11/23/16	DD	30 - 130 %

Client ID: MW14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 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.

Volatile Comment:

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

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Semi-Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

Pesticide Comment:

Sample was evaluated against an external standard.

Pesticide Comment:

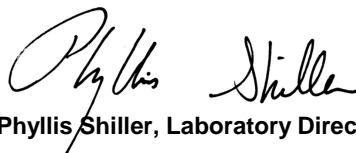
Poor surrogate recovery was observed. Sample was re-extracted with similar results.

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.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

11/17/16
 11/18/16

Time

15:49

Laboratory Data

SDG ID: GBV87817
 Phoenix ID: BV87824

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: MW15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Aluminum	0.048	0.010	0.005	mg/L	1	11/22/16	LK/MA	SW6010C
Arsenic - LDL	ND	0.004	0.004	mg/L	1	11/20/16	LK	SW6010C
Barium	0.151	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Beryllium	ND	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Calcium	151	0.10	0.10	mg/L	10	11/20/16	LK	SW6010C
Cadmium	0.001	B 0.004	0.0005	mg/L	1	11/20/16	LK	SW6010C
Cobalt	0.005	0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Chromium	ND	0.001	0.001	mg/L	1	11/20/16	LK	SW6010C
Copper	0.004	B 0.005	0.001	mg/L	1	11/20/16	LK	SW6010C
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Aluminum (Dissolved)	0.005	B 0.011	0.005	mg/L	1	11/20/16	LK/MA	SW6010C
Arsenic, (Dissolved)	ND	0.003	0.004	mg/L	1	11/20/16	LK/MA	SW6010C
Barium (Dissolved)	0.142	0.011	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Calcium (Dissolved)	141	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Cadmium (Dissolved)	ND	0.004	0.0005	mg/L	1	11/20/16	LK/MA	SW6010C
Cobalt, (Dissolved)	0.005	0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Copper, (Dissolved)	0.002	B 0.005	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Iron, (Dissolved)	0.12	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium (Dissolved)	19.6	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium (Dissolved)	36.2	0.01	0.01	mg/L	1	11/20/16	LK/MA	SW6010C
Manganese, (Dissolved)	11.9	0.053	0.011	mg/L	10	11/20/16	LK	SW6010C
Sodium (Dissolved)	159	1.1	0.11	mg/L	10	11/20/16	LK	SW6010C
Nickel, (Dissolved)	0.003	B 0.004	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Lead (Dissolved)	0.002	B 0.002	0.001	mg/L	1	11/20/16	LK/MA	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	11/20/16	RS	SW7010
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	11/22/16	RS	SW7010
Thallium , (Dissolved)	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	11/20/16	LK/MA	SW6010C
Zinc, (Dissolved)	0.001	B 0.011	0.0012	mg/L	1	11/20/16	LK/MA	SW6010C
Iron	1.35	0.01	0.01	mg/L	1	11/20/16	LK	SW6010C
Mercury	ND	0.0002	0.00015	mg/L	1	11/21/16	RS	SW7470A
Potassium	20.7	0.1	0.01	mg/L	1	11/20/16	LK	SW6010C
Magnesium	39.5	0.010	0.01	mg/L	1	11/20/16	LK	SW6010C
Manganese	12.1	0.050	0.010	mg/L	10	11/20/16	LK	SW6010C
Sodium	161	1.0	0.10	mg/L	10	11/20/16	LK	SW6010C
Nickel	0.003	B 0.004	0.001	mg/L	1	11/20/16	LK	SW6010C
Lead	ND	0.002	0.001	mg/L	1	11/20/16	LK	SW6010C
Antimony	ND	0.002	0.002	mg/L	1	11/20/16	RS	SW7010
Selenium	ND	0.002	0.001	mg/L	1	11/22/16	RS	SW7010
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/21/16	RS	SW7010
Vanadium	ND	0.010	0.001	mg/L	1	11/20/16	LK	SW6010C
Zinc	0.002	B 0.010	0.0011	mg/L	1	11/20/16	LK	SW6010C
Filtration	Completed					11/18/16	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					11/21/16	QW/W	SW7470A
Mercury Digestion	Completed					11/21/16	Q/Q	SW7470A
PCB Extraction (2 Liter)	Completed					11/18/16	Z/Z	SW3510C
Extraction for Pest (2 Liter)	Completed					11/18/16	Z/Z	SW3510C
Semi-Volatile Extraction	Completed					11/18/16	P/D/D	SW3520C
Dissolved Metals Preparation	Completed					11/18/16	AG	SW3005A
Total Metals Digestion	Completed					11/18/16	AG	

Pesticides

4,4' -DDD	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B
4,4' -DDE	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B
4,4' -DDT	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	11/22/16	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B
b-BHC	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	11/22/16	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	11/22/16	CE	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	11/22/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	57			%	1	11/22/16	CE	SW8081B
%TCMX (Surrogate Rec)	75			%	1	11/22/16	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	11/21/16	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	57			%	1	11/21/16	AW	40 - 140 %
% TCMX	64			%	1	11/21/16	AW	40 - 140 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	11/19/16	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	11/19/16	HM	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	11/19/16	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/19/16	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	11/19/16	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/19/16	HM	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	11/19/16	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	11/19/16	HM	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/19/16	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	11/19/16	HM	SW8260C

Client ID: MW15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/19/16	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/19/16	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	11/19/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	11/19/16	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	11/19/16	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/19/16	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/19/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/19/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/19/16	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/19/16	HM	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	11/19/16	HM	70 - 130 %
% Bromofluorobenzene	94			%	1	11/19/16	HM	70 - 130 %
% Dibromofluoromethane	94			%	1	11/19/16	HM	70 - 130 %
% Toluene-d8	100			%	1	11/19/16	HM	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	11/23/16	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
2-Nitroaniline	ND	5.0	2.0	ug/L	1	11/23/16	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	11/23/16	DD	SW8270D
3-Nitroaniline	ND	5.0	2.0	ug/L	1	11/23/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	11/23/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	11/23/16	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	11/23/16	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	11/23/16	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Carbazole	ND	5.0	3.8	ug/L	1	11/23/16	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/23/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Phenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	11/23/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	95			%	1	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	73			%	1	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	87			%	1	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	77			%	1	11/23/16	DD	30 - 130 %
% Phenol-d5	80			%	1	11/23/16	DD	15 - 110 %
% Terphenyl-d14	73			%	1	11/23/16	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/22/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	11/22/16	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	11/22/16	DD	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	11/22/16	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	11/22/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/22/16	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	11/22/16	DD	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/22/16	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	11/22/16	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	11/22/16	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	11/22/16	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	101			%	1	11/22/16	DD	15 - 110 %
% 2-Fluorobiphenyl	83			%	1	11/22/16	DD	30 - 130 %
% 2-Fluorophenol	82			%	1	11/22/16	DD	15 - 110 %
% Nitrobenzene-d5	87			%	1	11/22/16	DD	30 - 130 %
% Phenol-d5	87			%	1	11/22/16	DD	15 - 110 %
% Terphenyl-d14	109			%	1	11/22/16	DD	30 - 130 %

Client ID: MW15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by 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 LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

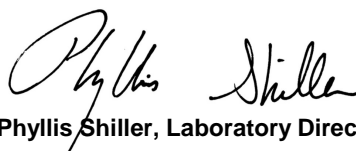
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 29, 2016

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

Sample Information

Matrix: WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/17/16
 11/18/16 15:49

Laboratory Data

SDG ID: GBV87817
 Phoenix ID: BV87825

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	11/18/16	HM	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/18/16	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/18/16	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/18/16	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	11/18/16	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	11/18/16	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/18/16	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/18/16	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/18/16	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/18/16	HM	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/18/16	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	11/18/16	HM	70 - 130 %
% Bromofluorobenzene	95			%	1	11/18/16	HM	70 - 130 %
% Dibromofluoromethane	96			%	1	11/18/16	HM	70 - 130 %

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	11/18/16	HM	70 - 130 %

1 = This parameter is not certified by 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 LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

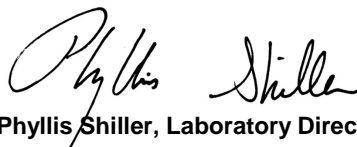
TRIP BLANK INCLUDED.

Volatile Comment:

Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

November 29, 2016

Reviewed and Released by: Ethan Lee, Project Manager

Tuesday, November 29, 2016

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GBV87817 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV87817	\$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	58	10	5	5		ug/L
BV87817	\$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	70	5.0	5	5		ug/L
BV87817	\$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	24	1.0	5	5		ug/L
BV87817	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	64	2.5	0.7	0.7		ug/L
BV87817	\$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	440	13	5	5		ug/L
BV87817	\$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	18	1.0	5	5		ug/L
BV87817	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	26	1.0	5	5		ug/L
BV87817	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04		ug/L
BV87817	\$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	140	5.0	5	5		ug/L
BV87817	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006		ug/L
BV87817	\$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	58	10	10	10		ug/L
BV87817	\$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	440	13	5	5		ug/L
BV87817	\$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	24	1.0	5	5		ug/L
BV87817	\$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	70	5.0	5	5		ug/L
BV87817	\$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	44	5.0	5	5		ug/L
BV87817	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	64	2.5	1	1		ug/L
BV87817	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04		ug/L
BV87817	\$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.6	0.002	0.002		ug/L
BV87817	\$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002		ug/L
BV87817	\$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002		ug/L
BV87817	\$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002		ug/L
BV87817	\$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.5	0.35	0.35		ug/L
BV87817	\$8270WMDPR	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	51	5.0	10	10		ug/L
BV87817	\$8270WMDPR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.6	1	1		ug/L
BV87817	\$8270WMDPR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002		ug/L
BV87817	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002		ug/L
BV87817	\$8270WMDPR	Pentachlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.9	1	1		ug/L
BV87817	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	2.7	1	1		ug/L
BV87817	\$8270WMDPR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	15	5	5		ug/L
BV87817	\$8270WMDPR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.8	1	1		ug/L
BV87817	\$8270WMDPR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	11	5	5		ug/L
BV87817	\$8270WMDPR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.1	5	5		ug/L
BV87817	\$8270WMDPR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	51	5.0	5	5		ug/L
BV87817	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	3.5	1	1		ug/L
BV87817	\$8270WMDPR	Pentachlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	1.9	1	1		ug/L
BV87817	\$8270WMDPR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	1.6	1	1		ug/L
BV87817	\$8270WMDPR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	15	5	5		ug/L
BV87817	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002		ug/L
BV87817	\$8270WMDPR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	5.1	5	5		ug/L
BV87817	\$8270WMDPR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	1.4	1	1		ug/L
BV87817	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	4.2	1.2	1	1		ug/L
BV87817	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	1.8	1	1		ug/L

Sample Criteria Exceedances Report

GBV87817 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV87817	\$8270WMDPR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	1.6	1	1	1	ug/L
BV87817	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	2.7	1	1	1	ug/L
BV87817	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	2.4	1	1	1	ug/L
BV87817	\$8270WMDPR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	11	5	5	5	ug/L
BV87817	\$8270WMDPR	Naphthalene	NY / TOGS - Water Quality / GA Criteria	51	5.0	10	10	10	ug/L
BV87817	\$8270WMDPR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	3.2	1	1	1	ug/L
BV87817	\$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002	0.002	ug/L
BV87817	\$8270WMDPR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	2.3	1	1	1	ug/L
BV87817	\$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002	0.002	ug/L
BV87817	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	1.8	1	1	1	ug/L
BV87817	\$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	1.5	0.04	0.04	0.04	ug/L
BV87817	\$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002	0.002	ug/L
BV87817	\$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	1.8	0.4	0.4	0.4	ug/L
BV87817	\$8270WMDPR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	1.4	1	1	1	ug/L
BV87817	\$8270WMDPR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.4	1	1	1	ug/L
BV87817	\$8270WMDPR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002	0.002	ug/L
BV87817	\$DPPEST_GA	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01	0.01	ug/L
BV87817	\$DPPEST_GA	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.015	0.01	0.01	0.01	ug/L
BV87817	\$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	0.01	ug/L
BV87817	\$DPPEST_GA	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.50	0.1	0.1	0.1	ug/L
BV87817	\$DPPEST_GA	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01	0.01	ug/L
BV87817	\$DPPEST_GA	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	0.01	ug/L
BV87817	\$DPPEST_GA	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	0.01	ug/L
BV87817	\$DPPEST_GA	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01	0.01	ug/L
BV87817	\$DPPEST_GA	Aldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.015	0.01	0.01	0.01	ug/L
BV87817	\$DPPEST_GA	Heptachlor epoxide	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.03	0.03	0.03	ug/L
BV87817	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.06	0.06	0.06	ug/L
BV87817	\$DPPEST_GA	Heptachlor	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.04	0.04	0.04	ug/L
BV87817	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.015	0.004	0.004	0.004	ug/L
BV87817	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.05	0.05	0.05	ug/L
BV87817	\$DPPEST_GA	b-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.04	0.04	0.04	ug/L
BV87817	\$DPPEST_GA	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.025	0.01	0.01	0.01	ug/L
BV87817	\$DPPEST_GA	Alachlor	NY / TOGS - Water Quality / GA Criteria	ND	0.75	0.5	0.5	0.5	ug/L
BV87817	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	20.9	0.010	0.1	0.1	0.1	mg/L
BV87817	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.052	0.001	0.05	0.05	0.05	mg/L
BV87817	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	3.43	0.053	0.3	0.3	0.3	mg/L
BV87817	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	322	1.1	20	20	20	mg/L
BV87817	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	70.8	0.01	0.3	0.3	0.3	mg/L
BV87817	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	5.40	0.050	0.3	0.3	0.3	mg/L
BV87817	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	342	1.0	20	20	20	mg/L
BV87817	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.051	0.002	0.025	0.025	0.025	mg/L

Tuesday, November 29, 2016

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GBV87817 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV87818	\$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	210	5.0	5	5	5	ug/L
BV87818	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	2.3	1.3	0.7	0.7	0.7	ug/L
BV87818	\$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	30	5.0	5	5	5	ug/L
BV87818	\$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	73	5.0	5	5	5	ug/L
BV87818	\$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	230	5.0	5	5	5	ug/L
BV87818	\$8260DP25R	Acetone	NY / TAGM - Volatile Organics / Groundwater Standards	53	25	50	50	50	ug/L
BV87818	\$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	230	5.0	5	5	5	ug/L
BV87818	\$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	0.5	ug/L
BV87818	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	22	5.0	5	5	5	ug/L
BV87818	\$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	73	5.0	10	10	10	ug/L
BV87818	\$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	53	5.0	5	5	5	ug/L
BV87818	\$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	210	5.0	5	5	5	ug/L
BV87818	\$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	6.7	5.0	5	5	5	ug/L
BV87818	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	0.4	ug/L
BV87818	\$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	5	ug/L
BV87818	\$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	9.3	5.0	5	5	5	ug/L
BV87818	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.6	0.6	0.6	ug/L
BV87818	\$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	1	ug/L
BV87818	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.04	0.04	0.04	ug/L
BV87818	\$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	300	5.0	5	5	5	ug/L
BV87818	\$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	30	5.0	5	5	5	ug/L
BV87818	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.0006	0.0006	0.0006	ug/L
BV87818	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	0.04	ug/L
BV87818	\$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	1	ug/L
BV87818	\$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	110	5.0	5	5	5	ug/L
BV87818	\$8260DP25R	Acetone	NY / TOGS - Water Quality / GA Criteria	53	25	50	50	50	ug/L
BV87818	\$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	5	ug/L
BV87818	\$8260DP25R	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	5	ug/L
BV87818	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	2.3	1.3	1	1	1	ug/L
BV87818	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	0.4	ug/L
BV87818	\$8270WMDPR	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	40	5.0	10	10	10	ug/L
BV87818	\$8270WMDPR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.1	5	5	5	ug/L
BV87818	\$8270WMDPR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	11	5	5	5	ug/L
BV87818	\$8270WMDPR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002	0.002	ug/L
BV87818	\$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.5	0.35	0.35	0.35	ug/L
BV87818	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	2.7	1	1	1	ug/L
BV87818	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002	0.002	ug/L
BV87818	\$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.6	0.002	0.002	0.002	ug/L
BV87818	\$8270WMDPR	Pentachlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.9	1	1	1	ug/L
BV87818	\$8270WMDPR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.8	1	1	1	ug/L
BV87818	\$8270WMDPR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	15	5	5	5	ug/L
BV87818	\$8270WMDPR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.6	1	1	1	ug/L

Sample Criteria Exceedances Report

GBV87817 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV87818	\$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002		ug/L
BV87818	\$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002		ug/L
BV87818	\$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002		ug/L
BV87818	\$8270WMDPR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	40	5.0	5	5		ug/L
BV87818	\$8270WMDPR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002		ug/L
BV87818	\$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	1.5	0.04	0.04		ug/L
BV87818	\$8270WMDPR	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.8	0.5	0.5		ug/L
BV87818	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002		ug/L
BV87818	\$8270WMDPR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	1.6	1	1		ug/L
BV87818	\$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	1.8	0.4	0.4		ug/L
BV87818	\$8270WMDPR	Pentachlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	1.9	1	1		ug/L
BV87818	\$8270WMDPR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	1.4	1	1		ug/L
BV87818	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	3.5	1	1		ug/L
BV87818	\$8270WMDPR	Naphthalene	NY / TOGS - Water Quality / GA Criteria	40	5.0	10	10		ug/L
BV87818	\$8270WMDPR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	5.1	5	5		ug/L
BV87818	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	2.7	1	1		ug/L
BV87818	\$8270WMDPR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	1.6	1	1		ug/L
BV87818	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	1.8	1	1		ug/L
BV87818	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	2.4	1	1		ug/L
BV87818	\$8270WMDPR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	1.4	1	1		ug/L
BV87818	\$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002		ug/L
BV87818	\$8270WMDPR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	3.2	1	1		ug/L
BV87818	\$8270WMDPR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	11	5	5		ug/L
BV87818	\$8270WMDPR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.4	1	1		ug/L
BV87818	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	1.8	1	1		ug/L
BV87818	\$8270WMDPR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	2.3	1	1		ug/L
BV87818	\$8270WMDPR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	15	5	5		ug/L
BV87818	\$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002		ug/L
BV87818	\$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002		ug/L
BV87818	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	1.6	1.2	1	1		ug/L
BV87818	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06		ug/L
BV87818	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	5.02	0.010	0.1	0.1		mg/L
BV87818	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	6.75	0.053	0.3	0.3		mg/L
BV87818	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	245	1.1	20	20		mg/L
BV87818	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	19.3	0.01	0.3	0.3		mg/L
BV87818	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	6.91	0.050	0.3	0.3		mg/L
BV87818	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	232	1.0	20	20		mg/L
BV87819	\$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	91	5.0	5	5		ug/L
BV87819	\$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	20	5	5		ug/L
BV87819	\$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	570	5.0	5	5		ug/L
BV87819	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	170	5.0	0.7	0.7		ug/L

Tuesday, November 29, 2016

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GBV87817 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV87819	\$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	190	20	5	5	5	ug/L
BV87819	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	5.4	5.0	5	5	5	ug/L
BV87819	\$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	130	5.0	5	5	5	ug/L
BV87819	\$8260DP25R	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	5	ug/L
BV87819	\$8260DP25R	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	4.7	4.7	4.7	ug/L
BV87819	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	6.6	5.0	5	5	5	ug/L
BV87819	\$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	2	2	2	ug/L
BV87819	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	0.4	ug/L
BV87819	\$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	91	5.0	5	5	5	ug/L
BV87819	\$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	5	ug/L
BV87819	\$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	13	5.0	5	5	5	ug/L
BV87819	\$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	5.2	5.0	5	5	5	ug/L
BV87819	\$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	200	5.0	5	5	5	ug/L
BV87819	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	6.6	5.0	5	5	5	ug/L
BV87819	\$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	5.0	2	2	2	ug/L
BV87819	\$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	20	5.0	5	5	5	ug/L
BV87819	\$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	190	20	10	10	10	ug/L
BV87819	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	5.4	5.0	5	5	5	ug/L
BV87819	\$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	730	13	5	5	5	ug/L
BV87819	\$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	130	5.0	5	5	5	ug/L
BV87819	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	0.04	ug/L
BV87819	\$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	5	ug/L
BV87819	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.04	0.04	0.04	ug/L
BV87819	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.0006	0.0006	0.0006	ug/L
BV87819	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.6	0.6	0.6	ug/L
BV87819	\$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	1	ug/L
BV87819	\$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	280	5.0	5	5	5	ug/L
BV87819	\$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	4.0	0.5	0.5	0.5	ug/L
BV87819	\$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	1	ug/L
BV87819	\$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	3	ug/L
BV87819	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	79	5.0	5	5	5	ug/L
BV87819	\$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	570	5.0	5	5	5	ug/L
BV87819	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	0.4	ug/L
BV87819	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	170	5.0	1	1	1	ug/L
BV87819	\$8260DP25R	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	5	ug/L
BV87819	\$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	5	ug/L
BV87819	\$8270WMDPR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	27	5	5	5	ug/L
BV87819	\$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	9.0	0.002	0.002	0.002	ug/L
BV87819	\$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	8.8	0.002	0.002	0.002	ug/L
BV87819	\$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	7.7	0.35	0.35	0.35	ug/L
BV87819	\$8270WMDPR	Dibenzofuran	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	7.7	5	5	5	ug/L
BV87819	\$8270WMDPR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	57	5	5	5	ug/L

Sample Criteria Exceedances Report

GBV87817 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV87819	\$8270WMDPR	2-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	17	5	5		ug/L
BV87819	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	9.3	5	5		ug/L
BV87819	\$8270WMDPR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	12	5	5		ug/L
BV87819	\$8270WMDPR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	12	5	5		ug/L
BV87819	\$8270WMDPR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	8.8	0.002	0.002		ug/L
BV87819	\$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	8.7	0.002	0.002		ug/L
BV87819	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	12	5	5		ug/L
BV87819	\$8270WMDPR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	79	5	5		ug/L
BV87819	\$8270WMDPR	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	130	7.6	10	10		ug/L
BV87819	\$8270WMDPR	2,6-Dinitrotoluene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	8.3	5	5		ug/L
BV87819	\$8270WMDPR	Nitrobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	9.2	5	5		ug/L
BV87819	\$8270WMDPR	Pentachlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	9.9	1	1		ug/L
BV87819	\$8270WMDPR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	18	5	5		ug/L
BV87819	\$8270WMDPR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	9.3	1	1		ug/L
BV87819	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	14	1	1		ug/L
BV87819	\$8270WMDPR	Benzo(ghi)perylene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	8.5	5	5		ug/L
BV87819	\$8270WMDPR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	8.4	1	1		ug/L
BV87819	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	8.7	0.002	0.002		ug/L
BV87819	\$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	8.6	0.002	0.002		ug/L
BV87819	\$8270WMDPR	Benzoic acid	NY / TAGM - Volatile Organics / Groundwater Standards	ND	53	50	50		ug/L
BV87819	\$8270WMDPR	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	7.4	4.7	4.7		ug/L
BV87819	\$8270WMDPR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	130	7.6	5	5		ug/L
BV87819	\$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	8.7	0.002	0.002		ug/L
BV87819	\$8270WMDPR	Pentachlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	9.9	1	1		ug/L
BV87819	\$8270WMDPR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	8.4	1	1		ug/L
BV87819	\$8270WMDPR	Bis(2-chloroethoxy)methane	NY / TOGS - Water Quality / GA Criteria	ND	7.3	5	5		ug/L
BV87819	\$8270WMDPR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	7.1	1	1		ug/L
BV87819	\$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	9.2	0.4	0.4		ug/L
BV87819	\$8270WMDPR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	8.8	0.002	0.002		ug/L
BV87819	\$8270WMDPR	Naphthalene	NY / TOGS - Water Quality / GA Criteria	130	7.6	10	10		ug/L
BV87819	\$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	7.7	0.04	0.04		ug/L
BV87819	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	8.7	0.002	0.002		ug/L
BV87819	\$8270WMDPR	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	9.5	0.5	0.5		ug/L
BV87819	\$8270WMDPR	Hexachlorocyclopentadiene	NY / TOGS - Water Quality / GA Criteria	ND	8.1	5	5		ug/L
BV87819	\$8270WMDPR	Hexachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	7.9	5	5		ug/L
BV87819	\$8270WMDPR	Bis(2-ethylhexyl)phthalate	NY / TOGS - Water Quality / GA Criteria	ND	7.6	5	5		ug/L
BV87819	\$8270WMDPR	2,4-Dinitrotoluene	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5		ug/L
BV87819	\$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	9.0	0.002	0.002		ug/L
BV87819	\$8270WMDPR	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	15	5	5		ug/L
BV87819	\$8270WMDPR	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	7.8	3	3		ug/L
BV87819	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	14	1	1		ug/L
BV87819	\$8270WMDPR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	8.4	1	1		ug/L

Sample Criteria Exceedances Report

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SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV87819	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	9.3	1	1		ug/L
BV87819	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	9.3	5	5		ug/L
BV87819	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	6.5	1	1		ug/L
BV87819	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	6.5	5	5		ug/L
BV87819	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	18	5	5		ug/L
BV87819	\$8270WMDPR	2,6-Dinitrotoluene	NY / TOGS - Water Quality / GA Criteria	ND	8.3	5	5		ug/L
BV87819	\$8270WMDPR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	7.5	1	1		ug/L
BV87819	\$8270WMDPR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	12	5	5		ug/L
BV87819	\$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	8.8	0.002	0.002		ug/L
BV87819	\$8270WMDPR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	79	5	5		ug/L
BV87819	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	18	1	1		ug/L
BV87819	\$8270WMDPR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	8.8	5	5		ug/L
BV87819	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	12	1	1		ug/L
BV87819	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	9.3	1	1		ug/L
BV87819	\$8270WMDPR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	28	1	1		ug/L
BV87819	\$8270WMDPR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	57	5	5		ug/L
BV87819	\$8270WMDPR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	12	5	5		ug/L
BV87819	\$8270WMDPR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	17	1	1		ug/L
BV87819	\$8270WMDPR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	27	5	5		ug/L
BV87819	\$8270WMDPR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	12	1	1		ug/L
BV87819	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.055	0.05	0.05		ug/L
BV87819	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.22	0.06	0.06		ug/L
BV87819	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	9.91	0.010	0.1	0.1		mg/L
BV87819	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	5.54	0.053	0.3	0.3		mg/L
BV87819	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	343	1.1	20	20		mg/L
BV87819	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	30.4	0.01	0.3	0.3		mg/L
BV87819	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	6.36	0.050	0.3	0.3		mg/L
BV87819	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	350	1.0	20	20		mg/L
BV87820	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	1.7	0.70	0.7	0.7		ug/L
BV87820	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04		ug/L
BV87820	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	1.7	0.70	1	1		ug/L
BV87820	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006		ug/L
BV87820	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04		ug/L
BV87820	\$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	36	0.002	0.002		ug/L
BV87820	\$8270WMDPR	Acenaphthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	33	20	20		ug/L
BV87820	\$8270WMDPR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	49	5	5		ug/L
BV87820	\$8270WMDPR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	38	1	1		ug/L
BV87820	\$8270WMDPR	Acenaphthylene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	30	20	20		ug/L
BV87820	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	38	5	5		ug/L
BV87820	\$8270WMDPR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	320	5	5		ug/L
BV87820	\$8270WMDPR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	240	5	5		ug/L

Sample Criteria Exceedances Report

GBV87817 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV87820	\$8270WMDPR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	76	5	5		ug/L
BV87820	\$8270WMDPR	2-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	69	5	5		ug/L
BV87820	\$8270WMDPR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	110	5	5		ug/L
BV87820	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	51	5	5		ug/L
BV87820	\$8270WMDPR	2,6-Dinitrotoluene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	34	5	5		ug/L
BV87820	\$8270WMDPR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5		ug/L
BV87820	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	59	1	1		ug/L
BV87820	\$8270WMDPR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	36	0.002	0.002		ug/L
BV87820	\$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	35	0.002	0.002		ug/L
BV87820	\$8270WMDPR	Nitrobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	38	5	5		ug/L
BV87820	\$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	37	0.002	0.002		ug/L
BV87820	\$8270WMDPR	Benzo(ghi)perylene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	35	5	5		ug/L
BV87820	\$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	32	0.35	0.35		ug/L
BV87820	\$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	36	0.002	0.002		ug/L
BV87820	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	36	0.002	0.002		ug/L
BV87820	\$8270WMDPR	Dibenzofuran	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	32	5	5		ug/L
BV87820	\$8270WMDPR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	35	1	1		ug/L
BV87820	\$8270WMDPR	Pentachlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	41	1	1		ug/L
BV87820	\$8270WMDPR	Benzoic acid	NY / TAGM - Volatile Organics / Groundwater Standards	360	220	50	50		ug/L
BV87820	\$8270WMDPR	2,4-Dinitrotoluene	NY / TOGS - Water Quality / GA Criteria	ND	43	5	5		ug/L
BV87820	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	76	5	5		ug/L
BV87820	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	76	1	1		ug/L
BV87820	\$8270WMDPR	2,6-Dinitrotoluene	NY / TOGS - Water Quality / GA Criteria	ND	34	5	5		ug/L
BV87820	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	59	1	1		ug/L
BV87820	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	27	1	1		ug/L
BV87820	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	38	5	5		ug/L
BV87820	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	38	1	1		ug/L
BV87820	\$8270WMDPR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	35	1	1		ug/L
BV87820	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	27	5	5		ug/L
BV87820	\$8270WMDPR	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	64	5	5		ug/L
BV87820	\$8270WMDPR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	35	1	1		ug/L
BV87820	\$8270WMDPR	Pentachlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	41	1	1		ug/L
BV87820	\$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	38	0.4	0.4		ug/L
BV87820	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	36	0.002	0.002		ug/L
BV87820	\$8270WMDPR	Hexachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	32	5	5		ug/L
BV87820	\$8270WMDPR	Hexachlorocyclopentadiene	NY / TOGS - Water Quality / GA Criteria	ND	33	5	5		ug/L
BV87820	\$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	32	0.04	0.04		ug/L
BV87820	\$8270WMDPR	Chrysolene	NY / TOGS - Water Quality / GA Criteria	ND	36	0.002	0.002		ug/L
BV87820	\$8270WMDPR	Bis(2-ethylhexyl)phthalate	NY / TOGS - Water Quality / GA Criteria	ND	31	5	5		ug/L
BV87820	\$8270WMDPR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	29	1	1		ug/L
BV87820	\$8270WMDPR	Bis(2-chloroethoxy)methane	NY / TOGS - Water Quality / GA Criteria	ND	30	5	5		ug/L
BV87820	\$8270WMDPR	2-Chloronaphthalene	NY / TOGS - Water Quality / GA Criteria	ND	31	10	10		ug/L

Sample Criteria Exceedances Report

GBV87817 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV87820	\$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	37	0.002	0.002		ug/L
BV87820	\$8270WMDPR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	240	5	5		ug/L
BV87820	\$8270WMDPR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	31	1	1		ug/L
BV87820	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	51	1	1		ug/L
BV87820	\$8270WMDPR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	110	5	5		ug/L
BV87820	\$8270WMDPR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	69	1	1		ug/L
BV87820	\$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	36	0.002	0.002		ug/L
BV87820	\$8270WMDPR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	120	1	1		ug/L
BV87820	\$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	36	0.002	0.002		ug/L
BV87820	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	38	1	1		ug/L
BV87820	\$8270WMDPR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5		ug/L
BV87820	\$8270WMDPR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	36	5	5		ug/L
BV87820	\$8270WMDPR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	49	1	1		ug/L
BV87820	\$8270WMDPR	Acenaphthene	NY / TOGS - Water Quality / GA Criteria	ND	33	20	20		ug/L
BV87820	\$8270WMDPR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	320	5	5		ug/L
BV87820	\$8270WMDPR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	51	5	5		ug/L
BV87820	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06		ug/L
BV87820	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	32.7	0.10	0.1	0.1		mg/L
BV87820	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.097	0.001	0.05	0.05		mg/L
BV87820	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	8.95	0.01	0.3	0.3		mg/L
BV87820	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	9.87	0.053	0.3	0.3		mg/L
BV87820	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	145	1.1	20	20		mg/L
BV87820	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	133	0.10	0.3	0.3		mg/L
BV87820	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	37.8	0.010	35	35		mg/L
BV87820	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	12.1	0.050	0.3	0.3		mg/L
BV87820	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	148	1.0	20	20		mg/L
BV87821	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	0.73	0.70	0.7	0.7		ug/L
BV87821	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04		ug/L
BV87821	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04		ug/L
BV87821	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006		ug/L
BV87821	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV87821	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV87821	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV87821	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV87821	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV87821	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BV87821	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV87821	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV87821	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV87821	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BV87821	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L

Sample Criteria Exceedances Report

GBV87817 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV87821	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.052	0.05	0.05	0.05	ug/L
BV87821	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.21	0.06	0.06	0.06	ug/L
BV87821	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	1.05	0.010	0.1	0.1	0.1	mg/L
BV87821	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.39	0.01	0.3	0.3	0.3	mg/L
BV87821	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	4.56	0.053	0.3	0.3	0.3	mg/L
BV87821	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	128	1.1	20	20	20	mg/L
BV87821	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	28.2	0.01	0.3	0.3	0.3	mg/L
BV87821	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	5.19	0.050	0.3	0.3	0.3	mg/L
BV87821	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	130	1.0	20	20	20	mg/L
BV87822	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	5.5	0.70	0.7	0.7	0.7	ug/L
BV87822	\$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	5.5	1.0	5	5	5	ug/L
BV87822	\$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	15	1.0	5	5	5	ug/L
BV87822	\$8260DP25R	Methyl ethyl ketone	NY / TAGM - Volatile Organics / Groundwater Standards	130	25	50	50	50	ug/L
BV87822	\$8260DP25R	Acetone	NY / TAGM - Volatile Organics / Groundwater Standards	180	50	50	50	50	ug/L
BV87822	\$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	5.4	1.0	5	5	5	ug/L
BV87822	\$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	5.5	1.0	5	5	5	ug/L
BV87822	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	0.04	ug/L
BV87822	\$8260DP25R	Methyl ethyl ketone	NY / TOGS - Water Quality / GA Criteria	130	25	50	50	50	ug/L
BV87822	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	0.04	ug/L
BV87822	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	5.5	0.70	1	1	1	ug/L
BV87822	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	0.0006	ug/L
BV87822	\$8260DP25R	Acetone	NY / TOGS - Water Quality / GA Criteria	180	50	50	50	50	ug/L
BV87822	\$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	15	1.0	5	5	5	ug/L
BV87822	\$8270WMDPR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	110	5	5	5	ug/L
BV87822	\$8270WMDPR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	330	5	5	5	ug/L
BV87822	\$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	37	0.002	0.002	0.002	ug/L
BV87822	\$8270WMDPR	2-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	70	5	5	5	ug/L
BV87822	\$8270WMDPR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	240	5	5	5	ug/L
BV87822	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	39	5	5	5	ug/L
BV87822	\$8270WMDPR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	52	5	5	5	ug/L
BV87822	\$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	37	0.002	0.002	0.002	ug/L
BV87822	\$8270WMDPR	Benzo(ghi)perylene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	36	5	5	5	ug/L
BV87822	\$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	36	0.002	0.002	0.002	ug/L
BV87822	\$8270WMDPR	Acenaphthylene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	31	20	20	20	ug/L
BV87822	\$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	32	0.35	0.35	0.35	ug/L
BV87822	\$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	38	0.002	0.002	0.002	ug/L
BV87822	\$8270WMDPR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	37	0.002	0.002	0.002	ug/L
BV87822	\$8270WMDPR	Acenaphthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	34	20	20	20	ug/L
BV87822	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	37	0.002	0.002	0.002	ug/L
BV87822	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	61	1	1	1	ug/L
BV87822	\$8270WMDPR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	36	1	1	1	ug/L

Sample Criteria Exceedances Report

GBV87817 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV87822	\$8270WMDPR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	39	1	1		ug/L
BV87822	\$8270WMDPR	Pentachlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	42	1	1		ug/L
BV87822	\$8270WMDPR	Nitrobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	39	5	5		ug/L
BV87822	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	52	5	5		ug/L
BV87822	\$8270WMDPR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	78	5	5		ug/L
BV87822	\$8270WMDPR	Dibenzofuran	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	32	5	5		ug/L
BV87822	\$8270WMDPR	2,6-Dinitrotoluene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	35	5	5		ug/L
BV87822	\$8270WMDPR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5		ug/L
BV87822	\$8270WMDPR	Benzoic acid	NY / TAGM - Volatile Organics / Groundwater Standards	3300	2200	50	50		ug/L
BV87822	\$8270WMDPR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	36	1	1		ug/L
BV87822	\$8270WMDPR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	37	0.002	0.002		ug/L
BV87822	\$8270WMDPR	Pentachlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	42	1	1		ug/L
BV87822	\$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	38	0.002	0.002		ug/L
BV87822	\$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	37	0.002	0.002		ug/L
BV87822	\$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	39	0.4	0.4		ug/L
BV87822	\$8270WMDPR	Bis(2-chloroethoxy)methane	NY / TOGS - Water Quality / GA Criteria	ND	31	5	5		ug/L
BV87822	\$8270WMDPR	Hexachlorocyclopentadiene	NY / TOGS - Water Quality / GA Criteria	ND	34	5	5		ug/L
BV87822	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	37	0.002	0.002		ug/L
BV87822	\$8270WMDPR	Bis(2-ethylhexyl)phthalate	NY / TOGS - Water Quality / GA Criteria	ND	32	5	5		ug/L
BV87822	\$8270WMDPR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	30	1	1		ug/L
BV87822	\$8270WMDPR	Hexachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	33	5	5		ug/L
BV87822	\$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	32	0.04	0.04		ug/L
BV87822	\$8270WMDPR	2-Chloronaphthalene	NY / TOGS - Water Quality / GA Criteria	ND	32	10	10		ug/L
BV87822	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	61	1	1		ug/L
BV87822	\$8270WMDPR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	36	1	1		ug/L
BV87822	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	39	1	1		ug/L
BV87822	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	39	5	5		ug/L
BV87822	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	28	1	1		ug/L
BV87822	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	28	5	5		ug/L
BV87822	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	78	1	1		ug/L
BV87822	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	78	5	5		ug/L
BV87822	\$8270WMDPR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	37	5	5		ug/L
BV87822	\$8270WMDPR	2,6-Dinitrotoluene	NY / TOGS - Water Quality / GA Criteria	ND	35	5	5		ug/L
BV87822	\$8270WMDPR	Benzdine	NY / TOGS - Water Quality / GA Criteria	ND	65	5	5		ug/L
BV87822	\$8270WMDPR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	32	1	1		ug/L
BV87822	\$8270WMDPR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1		ug/L
BV87822	\$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	37	0.002	0.002		ug/L
BV87822	\$8270WMDPR	2,4-Dinitrotoluene	NY / TOGS - Water Quality / GA Criteria	ND	44	5	5		ug/L
BV87822	\$8270WMDPR	Acenaphthene	NY / TOGS - Water Quality / GA Criteria	ND	34	20	20		ug/L
BV87822	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	52	1	1		ug/L
BV87822	\$8270WMDPR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	52	5	5		ug/L
BV87822	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	39	1	1		ug/L

Sample Criteria Exceedances Report

GBV87817 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV87822	\$8270WMDPR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	120	1	1	1	ug/L
BV87822	\$8270WMDPR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	240	5	5	5	ug/L
BV87822	\$8270WMDPR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	52	5	5	5	ug/L
BV87822	\$8270WMDPR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	70	1	1	1	ug/L
BV87822	\$8270WMDPR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	110	5	5	5	ug/L
BV87822	\$8270WMDPR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	330	5	5	5	ug/L
BV87822	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.060	0.05	0.05	0.05	ug/L
BV87822	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.24	0.06	0.06	0.06	ug/L
BV87822	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	6.20	0.010	0.1	0.1	0.1	mg/L
BV87822	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.035	0.004	0.025	0.025	0.025	mg/L
BV87822	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	79.1	0.01	0.3	0.3	0.3	mg/L
BV87822	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	3.14	0.053	0.3	0.3	0.3	mg/L
BV87822	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	151	1.1	20	20	20	mg/L
BV87822	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	151	0.10	0.3	0.3	0.3	mg/L
BV87822	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	3.87	0.050	0.3	0.3	0.3	mg/L
BV87822	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	151	1.0	20	20	20	mg/L
BV87823	\$8260DP25R	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	5	ug/L
BV87823	\$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	940	50	5	5	5	ug/L
BV87823	\$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	250	20	5	5	5	ug/L
BV87823	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	380	5.0	0.7	0.7	0.7	ug/L
BV87823	\$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	1500	50	5	5	5	ug/L
BV87823	\$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	20	5	5	5	ug/L
BV87823	\$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	1100	50	5	5	5	ug/L
BV87823	\$8260DP25R	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	4.7	4.7	4.7	ug/L
BV87823	\$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	2	2	2	ug/L
BV87823	\$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	250	20	10	10	10	ug/L
BV87823	\$8260DP25R	Styrene	NY / TOGS - Water Quality / GA Criteria	6.9	5.0	5	5	5	ug/L
BV87823	\$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	12	5.0	5	5	5	ug/L
BV87823	\$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	1500	50	5	5	5	ug/L
BV87823	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	0.4	ug/L
BV87823	\$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	5	ug/L
BV87823	\$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	16	5.0	5	5	5	ug/L
BV87823	\$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	5.0	2	2	2	ug/L
BV87823	\$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	5	ug/L
BV87823	\$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	1100	50	5	5	5	ug/L
BV87823	\$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	1	ug/L
BV87823	\$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	1	ug/L
BV87823	\$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	170	5.0	5	5	5	ug/L
BV87823	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	64	5.0	5	5	5	ug/L
BV87823	\$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	1400	50	5	5	5	ug/L
BV87823	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.04	0.04	0.04	ug/L

Tuesday, November 29, 2016

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GBV87817 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV87823	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.6	0.6		ug/L
BV87823	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04		ug/L
BV87823	\$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	400	5.0	5	5		ug/L
BV87823	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4		ug/L
BV87823	\$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	4.0	0.5	0.5		ug/L
BV87823	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.0006	0.0006		ug/L
BV87823	\$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	940	50	5	5		ug/L
BV87823	\$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3		ug/L
BV87823	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	380	5.0	1	1		ug/L
BV87823	\$8260DP25R	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5		ug/L
BV87823	\$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5		ug/L
BV87823	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	47	5	5		ug/L
BV87823	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	35	5	5		ug/L
BV87823	\$8270WMDPR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	100	5	5		ug/L
BV87823	\$8270WMDPR	2-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	63	5	5		ug/L
BV87823	\$8270WMDPR	Dibenzofuran	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	29	5	5		ug/L
BV87823	\$8270WMDPR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	220	5	5		ug/L
BV87823	\$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	34	0.002	0.002		ug/L
BV87823	\$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	29	0.35	0.35		ug/L
BV87823	\$8270WMDPR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	47	5	5		ug/L
BV87823	\$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	33	0.002	0.002		ug/L
BV87823	\$8270WMDPR	Acenaphthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	30	20	20		ug/L
BV87823	\$8270WMDPR	Acenaphthylene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	28	20	20		ug/L
BV87823	\$8270WMDPR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	300	5	5		ug/L
BV87823	\$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	33	0.002	0.002		ug/L
BV87823	\$8270WMDPR	Benzo(ghi)perylene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	32	5	5		ug/L
BV87823	\$8270WMDPR	2-Methylnaphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	67	50	50	50		ug/L
BV87823	\$8270WMDPR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	32	1	1		ug/L
BV87823	\$8270WMDPR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	34	0.002	0.002		ug/L
BV87823	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	55	1	1		ug/L
BV87823	\$8270WMDPR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	35	1	1		ug/L
BV87823	\$8270WMDPR	Pentachlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	38	1	1		ug/L
BV87823	\$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	34	0.002	0.002		ug/L
BV87823	\$8270WMDPR	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	260	29	10	10		ug/L
BV87823	\$8270WMDPR	Nitrobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	35	5	5		ug/L
BV87823	\$8270WMDPR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	45	5	5		ug/L
BV87823	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	33	0.002	0.002		ug/L
BV87823	\$8270WMDPR	2,6-Dinitrotoluene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	32	5	5		ug/L
BV87823	\$8270WMDPR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	70	5	5		ug/L
BV87823	\$8270WMDPR	Benzoic acid	NY / TAGM - Volatile Organics / Groundwater Standards	3700	2000	50	50		ug/L
BV87823	\$8270WMDPR	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	28	4.7	4.7		ug/L
BV87823	\$8270WMDPR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	260	29	5	5		ug/L

Tuesday, November 29, 2016

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GBV87817 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BV87823	\$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	34	0.002	0.002		ug/L
BV87823	\$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	33	0.002	0.002		ug/L
BV87823	\$8270WMDPR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	32	1	1		ug/L
BV87823	\$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	35	0.4	0.4		ug/L
BV87823	\$8270WMDPR	Pentachlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	38	1	1		ug/L
BV87823	\$8270WMDPR	Naphthalene	NY / TOGS - Water Quality / GA Criteria	260	29	10	10		ug/L
BV87823	\$8270WMDPR	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	36	0.5	0.5		ug/L
BV87823	\$8270WMDPR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	27	1	1		ug/L
BV87823	\$8270WMDPR	Bis(2-ethylhexyl)phthalate	NY / TOGS - Water Quality / GA Criteria	ND	29	5	5		ug/L
BV87823	\$8270WMDPR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	34	0.002	0.002		ug/L
BV87823	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	33	0.002	0.002		ug/L
BV87823	\$8270WMDPR	Hexachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	30	5	5		ug/L
BV87823	\$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	29	0.04	0.04		ug/L
BV87823	\$8270WMDPR	Hexachlorocyclopentadiene	NY / TOGS - Water Quality / GA Criteria	ND	31	5	5		ug/L
BV87823	\$8270WMDPR	Bis(2-chloroethoxy)methane	NY / TOGS - Water Quality / GA Criteria	ND	28	5	5		ug/L
BV87823	\$8270WMDPR	2-Chloronaphthalene	NY / TOGS - Water Quality / GA Criteria	ND	28	10	10		ug/L
BV87823	\$8270WMDPR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	33	5	5		ug/L
BV87823	\$8270WMDPR	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	30	3	3		ug/L
BV87823	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	55	1	1		ug/L
BV87823	\$8270WMDPR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	32	1	1		ug/L
BV87823	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	35	1	1		ug/L
BV87823	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	35	5	5		ug/L
BV87823	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1		ug/L
BV87823	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5		ug/L
BV87823	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	70	1	1		ug/L
BV87823	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	70	5	5		ug/L
BV87823	\$8270WMDPR	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	59	5	5		ug/L
BV87823	\$8270WMDPR	2,6-Dinitrotoluene	NY / TOGS - Water Quality / GA Criteria	ND	32	5	5		ug/L
BV87823	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	35	1	1		ug/L
BV87823	\$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	34	0.002	0.002		ug/L
BV87823	\$8270WMDPR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	300	5	5		ug/L
BV87823	\$8270WMDPR	Acenaphthene	NY / TOGS - Water Quality / GA Criteria	ND	30	20	20		ug/L
BV87823	\$8270WMDPR	2,4-Dinitrotoluene	NY / TOGS - Water Quality / GA Criteria	ND	39	5	5		ug/L
BV87823	\$8270WMDPR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	47	5	5		ug/L
BV87823	\$8270WMDPR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	28	1	1		ug/L
BV87823	\$8270WMDPR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	110	1	1		ug/L
BV87823	\$8270WMDPR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	220	5	5		ug/L
BV87823	\$8270WMDPR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	47	5	5		ug/L
BV87823	\$8270WMDPR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	63	1	1		ug/L
BV87823	\$8270WMDPR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5		ug/L
BV87823	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	47	1	1		ug/L
BV87823	\$8270WMDPR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	45	1	1		ug/L

Sample Criteria Exceedances Report

GBV87817 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BV87823	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.21	0.06	0.06	0.06	ug/L
BV87823	\$DPPEST_GA	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.020	0.01	0.01	0.01	ug/L
BV87823	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.052	0.05	0.05	0.05	ug/L
BV87823	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.005	0.004	0.004	0.004	ug/L
BV87823	\$PCB_WMLDL	PCB-1016	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	0.16	0.052	0.09	0.09	0.09	ug/L
BV87823	\$PCB_WMLDL	PCB-1016	NY / TOGS - Water Quality / GA Criteria	0.16	0.052	0.09	0.09	0.09	ug/L
BV87823	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	1.25	0.010	0.1	0.1	0.1	mg/L
BV87823	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	46.9	0.01	0.3	0.3	0.3	mg/L
BV87823	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	13.5	0.053	0.3	0.3	0.3	mg/L
BV87823	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	282	1.1	20	20	20	mg/L
BV87823	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	158	0.10	0.3	0.3	0.3	mg/L
BV87823	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	14.3	0.050	0.3	0.3	0.3	mg/L
BV87823	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	279	1.0	20	20	20	mg/L
BV87824	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	0.04	ug/L
BV87824	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	0.0006	ug/L
BV87824	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	0.04	ug/L
BV87824	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BV87824	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BV87824	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BV87824	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BV87824	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BV87824	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BV87824	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BV87824	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BV87824	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BV87824	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BV87824	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BV87824	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	0.06	ug/L
BV87824	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	36.2	0.01	35	35	35	mg/L
BV87824	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	11.9	0.053	0.3	0.3	0.3	mg/L
BV87824	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	159	1.1	20	20	20	mg/L
BV87824	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	1.35	0.01	0.3	0.3	0.3	mg/L
BV87824	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	39.5	0.010	35	35	35	mg/L
BV87824	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	12.1	0.050	0.3	0.3	0.3	mg/L
BV87824	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	161	1.0	20	20	20	mg/L

Phoenix Laboratories does not assume responsibility for the data contained in this 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



NY Temperature Narration

November 29, 2016

SDG I.D.: GBV87817

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

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

Cooler: Yes No
 Coolant: IPK ICE of
 Temp °C Pg of

Contact Options:
 Fax: 631-504-6000
 Phone: 631-504-6000
 Email:

Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
 Ridge, NY 11961
 Project: 1181 Flushing Avenue Brooklyn NY
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

This section **MUST** be completed with Bottle Quantities.

Client Sample - Information - Identification
 Samplers Signature: Thomas Gallo Date: 11-17-16
 Matrix Code: 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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request	GL 100ml VOA Vial () or GL 50ml container ()	GL 100ml VOA Vial () or GL 50ml container ()	GL 100ml VOA Vial () or GL 50ml container ()	GL 100ml VOA Vial () or GL 50ml container ()	GL 100ml VOA Vial () or GL 50ml container ()	GL 100ml VOA Vial () or GL 50ml container ()	GL 100ml VOA Vial () or GL 50ml container ()	GL 100ml VOA Vial () or GL 50ml container ()	GL 100ml VOA Vial () or GL 50ml container ()	GL 100ml VOA Vial () or GL 50ml container ()	GL 100ml VOA Vial () or GL 50ml container ()	GL 100ml VOA Vial () or GL 50ml container ()	
87817	MW1	GW	11-17-16		✓	3	3	3	3	3	3	3	3	3	3	3	3	3
87818	MW2	GW	11-17-16		✓	3	3	3	3	3	3	3	3	3	3	3	3	3
87819	MW3	GW	11-17-16		✓	3	3	3	3	3	3	3	3	3	3	3	3	3
87820	MW4	GW	11-17-16		✓	3	3	3	3	3	3	3	3	3	3	3	3	3
87821	MW5	GW	11-17-16		✓	3	3	3	3	3	3	3	3	3	3	3	3	3
87822	MW8	GW	11-17-16		✓	3	3	3	3	3	3	3	3	3	3	3	3	3
87823	MW14	GW	11-17-16		✓	3	3	3	3	3	3	3	3	3	3	3	3	3
87824	MW15	GW	11-17-16		✓	3	3	3	3	3	3	3	3	3	3	3	3	3
87825	Triplblanks				✓	2	2	2	2	2	2	2	2	2	2	2	2	2

Relinquished by: Thomas Gallo Date: 11-18-16
 Accepted by: [Signature] Date: 11-18-16
[Signature] Date: 11-18-16
 Time: 8:50
15:49

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

State where samples were collected: NY

Comments, Special Requirements or Regulations:



Monday, December 05, 2016

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

Project ID: 1181 FLUSHING AVE., BROOKLYN
Sample ID#s: BV86876 - BV86884

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.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis/Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
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
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

**Client: Environmental Business Consultants
Project: 1181 FLUSHING AVE., BROOKLYN
Laboratory Project: GBV86876**



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

December 05, 2016

SDG I.D.: GBV86876

Environmental Business Consultants 1181 FLUSHING AVE., BROOKLYN

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
SG6	BV86876	AIR
SG4	BV86877	AIR
SG3	BV86878	AIR
SG9	BV86879	AIR
SG7	BV86880	AIR
SG8	BV86881	AIR
SG5	BV86882	AIR
SG2	BV86883	AIR
SG1	BV86884	AIR



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NY Analytical Services Protocol Format

December 05, 2016

SDG I.D.: GBV86876

Environmental Business Consultants 1181 FLUSHING AVE., BROOKLYN

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BV86876	Volatiles (TO15)	11/16/16	11/21/16	11/21/16	KCA	Y
BV86877	Volatiles (TO15)	11/16/16	11/18/16	11/18/16	KCA	Y
BV86878	Volatiles (TO15)	11/16/16	11/21/16	11/21/16	KCA	Y
BV86879	Volatiles (TO15)	11/16/16	11/28/16	11/28/16	KCA	Y
BV86880	Volatiles (TO15)	11/16/16	11/28/16	11/28/16	KCA	Y
BV86881	Volatiles (TO15)	11/16/16	11/28/16	11/28/16	KCA	Y
BV86882	Volatiles (TO15)	11/16/16	11/28/16	11/28/16	KCA	Y
BV86883	Volatiles (TO15)	11/16/16	11/21/16	11/21/16	KCA	Y
BV86884	Volatiles (TO15)	11/16/16	11/18/16	11/18/16	KCA	Y



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



SDG Comments

December 05, 2016

SDG I.D.: GBV86876

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

Analysis Report
 December 05, 2016

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

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21339

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/16/16 11:27
 11/17/16 15:39

Laboratory Data

SDG ID: GBV86876
 Phoenix ID: BV86876

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: SG6

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	2.70	2.70	ND	18.5	18.5	11/21/16	KCA	18.5	1
1,1,1-Trichloroethane	ND	3.39	3.39	ND	18.5	18.5	11/21/16	KCA	18.5	
1,1,2,2-Tetrachloroethane	ND	2.70	2.70	ND	18.5	18.5	11/21/16	KCA	18.5	
1,1,2-Trichloroethane	ND	3.39	3.39	ND	18.5	18.5	11/21/16	KCA	18.5	
1,1-Dichloroethane	ND	4.57	4.57	ND	18.5	18.5	11/21/16	KCA	18.5	
1,1-Dichloroethene	ND	4.67	4.67	ND	18.5	18.5	11/21/16	KCA	18.5	
1,2,4-Trichlorobenzene	ND	2.49	2.49	ND	18.5	18.5	11/21/16	KCA	18.5	
1,2,4-Trimethylbenzene	ND	3.77	3.77	ND	18.5	18.5	11/21/16	KCA	18.5	
1,2-Dibromoethane(EDB)	ND	2.41	2.41	ND	18.5	18.5	11/21/16	KCA	18.5	
1,2-Dichlorobenzene	ND	3.08	3.08	ND	18.5	18.5	11/21/16	KCA	18.5	
1,2-Dichloroethane	ND	4.57	4.57	ND	18.5	18.5	11/21/16	KCA	18.5	
1,2-dichloropropane	ND	4.01	4.01	ND	18.5	18.5	11/21/16	KCA	18.5	
1,2-Dichlorotetrafluoroethane	ND	2.65	2.65	ND	18.5	18.5	11/21/16	KCA	18.5	
1,3,5-Trimethylbenzene	ND	3.77	3.77	ND	18.5	18.5	11/21/16	KCA	18.5	
1,3-Butadiene	ND	8.37	8.37	ND	18.5	18.5	11/21/16	KCA	18.5	
1,3-Dichlorobenzene	ND	3.08	3.08	ND	18.5	18.5	11/21/16	KCA	18.5	
1,4-Dichlorobenzene	ND	3.08	3.08	ND	18.5	18.5	11/21/16	KCA	18.5	
1,4-Dioxane	ND	5.14	5.14	ND	18.5	18.5	11/21/16	KCA	18.5	
2-Hexanone(MBK)	ND	4.52	4.52	ND	18.5	18.5	11/21/16	KCA	18.5	1
4-Ethyltoluene	ND	3.77	3.77	ND	18.5	18.5	11/21/16	KCA	18.5	1
4-Isopropyltoluene	ND	3.37	3.37	ND	18.5	18.5	11/21/16	KCA	18.5	1
4-Methyl-2-pentanone(MIBK)	ND	4.52	4.52	ND	18.5	18.5	11/21/16	KCA	18.5	
Acetone	ND	7.79	7.79	ND	18.5	18.5	11/21/16	KCA	18.5	
Acrylonitrile	ND	8.53	8.53	ND	18.5	18.5	11/21/16	KCA	18.5	
Benzene	240	5.79	5.79	766	18.5	18.5	11/21/16	KCA	18.5	
Benzyl chloride	ND	3.58	3.58	ND	18.5	18.5	11/21/16	KCA	18.5	

Client ID: SG6

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	2.76	2.76	ND	18.5	18.5	11/21/16	KCA	18.5
Bromoform	ND	1.79	1.79	ND	18.5	18.5	11/21/16	KCA	18.5
Bromomethane	ND	4.77	4.77	ND	18.5	18.5	11/21/16	KCA	18.5
Carbon Disulfide	67.3	5.95	5.95	209	18.5	18.5	11/21/16	KCA	18.5
Carbon Tetrachloride	ND	0.734	0.734	ND	4.61	4.61	11/21/16	KCA	18.5
Chlorobenzene	ND	4.02	4.02	ND	18.5	18.5	11/21/16	KCA	18.5
Chloroethane	ND	7.02	7.02	ND	18.5	18.5	11/21/16	KCA	18.5
Chloroform	ND	3.79	3.79	ND	18.5	18.5	11/21/16	KCA	18.5
Chloromethane	ND	8.96	8.96	ND	18.5	18.5	11/21/16	KCA	18.5
Cis-1,2-Dichloroethene	5.72	4.67	4.67	22.7	18.5	18.5	11/21/16	KCA	18.5
cis-1,3-Dichloropropene	ND	4.08	4.08	ND	18.5	18.5	11/21/16	KCA	18.5
Cyclohexane	975	D 26.9	26.9	3350	92.5	92.5	11/21/16	KCA	92.5
Dibromochloromethane	ND	2.17	2.17	ND	18.5	18.5	11/21/16	KCA	18.5
Dichlorodifluoromethane	ND	3.74	3.74	ND	18.5	18.5	11/21/16	KCA	18.5
Ethanol	48.9	9.82	9.82	92.1	18.5	18.5	11/21/16	KCA	18.5
Ethyl acetate	ND	5.14	5.14	ND	18.5	18.5	11/21/16	KCA	18.5
Ethylbenzene	10.5	4.26	4.26	45.6	18.5	18.5	11/21/16	KCA	18.5
Heptane	358	4.52	4.52	1470	18.5	18.5	11/21/16	KCA	18.5
Hexachlorobutadiene	ND	1.74	1.74	ND	18.5	18.5	11/21/16	KCA	18.5
Hexane	910	D 26.3	26.3	3210	92.6	92.6	11/21/16	KCA	92.5
Isopropylalcohol	ND	7.53	7.53	ND	18.5	18.5	11/21/16	KCA	18.5
Isopropylbenzene	ND	3.77	3.77	ND	18.5	18.5	11/21/16	KCA	18.5
m,p-Xylene	5.42	4.26	4.26	23.5	18.5	18.5	11/21/16	KCA	18.5
Methyl Ethyl Ketone	503	6.28	6.28	1480	18.5	18.5	11/21/16	KCA	18.5
Methyl tert-butyl ether(MTBE)	ND	5.13	5.13	ND	18.5	18.5	11/21/16	KCA	18.5
Methylene Chloride	ND	5.33	5.33	ND	18.5	18.5	11/21/16	KCA	18.5
n-Butylbenzene	ND	3.37	3.37	ND	18.5	18.5	11/21/16	KCA	18.5
o-Xylene	ND	4.26	4.26	ND	18.5	18.5	11/21/16	KCA	18.5
Propylene	620	10.8	10.8	1070	18.6	18.6	11/21/16	KCA	18.5
sec-Butylbenzene	ND	3.37	3.37	ND	18.5	18.5	11/21/16	KCA	18.5
Styrene	ND	4.35	4.35	ND	18.5	18.5	11/21/16	KCA	18.5
Tetrachloroethene	ND	0.682	0.682	ND	4.62	4.62	11/21/16	KCA	18.5
Tetrahydrofuran	ND	6.28	6.28	ND	18.5	18.5	11/21/16	KCA	18.5
Toluene	ND	4.91	4.91	ND	18.5	18.5	11/21/16	KCA	18.5
Trans-1,2-Dichloroethene	ND	4.67	4.67	ND	18.5	18.5	11/21/16	KCA	18.5
trans-1,3-Dichloropropene	ND	4.08	4.08	ND	18.5	18.5	11/21/16	KCA	18.5
Trichloroethene	1.31	0.861	0.861	7.04	4.62	4.62	11/21/16	KCA	18.5
Trichlorofluoromethane	ND	3.29	3.29	ND	18.5	18.5	11/21/16	KCA	18.5
Trichlorotrifluoroethane	ND	2.42	2.42	ND	18.5	18.5	11/21/16	KCA	18.5
Vinyl Chloride	11.7	1.81	1.81	29.9	4.62	4.62	11/21/16	KCA	18.5
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	109	%	%	109	%	%	11/21/16	KCA	18.5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by 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 LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

An elevated reporting level was reported for TO15 due to a matrix interference of non target compounds.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

December 05, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 05, 2016

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

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 156

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

11/16/16 11:24
 11/17/16 15:39

Time

Laboratory Data

SDG ID: GBV86876
 Phoenix ID: BV86877

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: SG4

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/17/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/17/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/17/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/17/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/17/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/17/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/17/16	KCA	1	
1,2,4-Trimethylbenzene	0.357	0.204	0.204	1.75	1.00	1.00	11/17/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/17/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/17/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/17/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/17/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/17/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/17/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/17/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/17/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/17/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/17/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/17/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/17/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/17/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	125	D 24.4	24.4	512	100	100	11/18/16	KCA	100	
Acetone	651	D 42.1	42.1	1550	100	100	11/18/16	KCA	100	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/17/16	KCA	1	
Benzene	38.3	0.313	0.313	122	1.00	1.00	11/17/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/17/16	KCA	1	

Client ID: SG4

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/17/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/17/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/17/16	KCA	1
Carbon Disulfide	10.5	0.321	0.321	32.7	1.00	1.00	11/17/16	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	11/17/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/17/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/17/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/17/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/17/16	KCA	1
Cis-1,2-Dichloroethene	2.57	0.252	0.252	10.2	1.00	1.00	11/17/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/17/16	KCA	1
Cyclohexane	195	D 29.1	29.1	671	100	100	11/18/16	KCA	100
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/17/16	KCA	1
Dichlorodifluoromethane	0.318	0.202	0.202	1.57	1.00	1.00	11/17/16	KCA	1
Ethanol	506	E 0.531	0.531	953	1.00	1.00	11/17/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/17/16	KCA	1
Ethylbenzene	2.43	0.230	0.230	10.5	1.00	1.00	11/17/16	KCA	1
Heptane	77.5	D 24.4	24.4	317	100	100	11/18/16	KCA	100
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/17/16	KCA	1
Hexane	201	DS 28.4	28.4	708	100	100	11/18/16	KCA	100
Isopropylalcohol	13.5	0.407	0.407	33.2	1.00	1.00	11/17/16	KCA	1
Isopropylbenzene	0.410	0.204	0.204	2.01	1.00	1.00	11/17/16	KCA	1
m,p-Xylene	3.74	0.230	0.230	16.2	1.00	1.00	11/17/16	KCA	1
Methyl Ethyl Ketone	402	D 33.9	33.9	1180	100	100	11/18/16	KCA	100
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/17/16	KCA	1
Methylene Chloride	ND	0.288	0.288	ND	1.00	1.00	11/17/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/17/16	KCA	1
o-Xylene	1.39	0.230	0.230	6.03	1.00	1.00	11/17/16	KCA	1
Propylene	202	D 58.1	58.1	347	100	100	11/18/16	KCA	100
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/17/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/17/16	KCA	1
Tetrachloroethene	0.383	0.037	0.037	2.60	0.25	0.25	11/17/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/17/16	KCA	1
Toluene	15.2	0.266	0.266	57.2	1.00	1.00	11/17/16	KCA	1
Trans-1,2-Dichloroethene	0.358	0.252	0.252	1.42	1.00	1.00	11/17/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/17/16	KCA	1
Trichloroethene	1.39	0.047	0.047	7.46	0.25	0.25	11/17/16	KCA	1
Trichlorofluoromethane	ND	0.178	0.178	ND	1.00	1.00	11/17/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/17/16	KCA	1
Vinyl Chloride	0.609	0.098	0.098	1.56	0.25	0.25	11/17/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	115	%	%	115	%	%	11/17/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by 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 LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

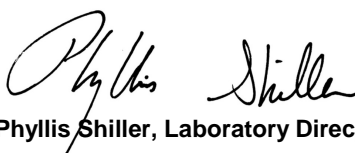
Comments:

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

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

December 05, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 05, 2016

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

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 496

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

11/16/16 11:20
 11/17/16 15:39

Time

Laboratory Data

SDG ID: GBV86876
 Phoenix ID: BV86878

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: SG3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/21/16	KCA	1
1,1,1-Trichloroethane	0.187	0.183	0.183	1.02	1.00	1.00	11/21/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/21/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/21/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/21/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/21/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/21/16	KCA	1
1,2,4-Trimethylbenzene	0.319	0.204	0.204	1.57	1.00	1.00	11/21/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/21/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/21/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/21/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/21/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/21/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/21/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/21/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/21/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/21/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/21/16	KCA	1
2-Hexanone(MBK)	5.91	0.244	0.244	24.2	1.00	1.00	11/21/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/21/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/21/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/21/16	KCA	1
Acetone	26.4	0.421	0.421	62.7	1.00	1.00	11/21/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/21/16	KCA	1
Benzene	0.522	0.313	0.313	1.67	1.00	1.00	11/21/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/21/16	KCA	1

Client ID: SG3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/21/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/21/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/21/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/21/16	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	11/21/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/21/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/21/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/21/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/21/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/21/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/21/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/21/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/21/16	KCA	1
Dichlorodifluoromethane	0.754	0.202	0.202	3.73	1.00	1.00	11/21/16	KCA	1
Ethanol	26.9	0.531	0.531	50.7	1.00	1.00	11/21/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/21/16	KCA	1
Ethylbenzene	0.559	0.230	0.230	2.43	1.00	1.00	11/21/16	KCA	1
Heptane	0.602	0.244	0.244	2.47	1.00	1.00	11/21/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/21/16	KCA	1
Hexane	0.885	S 0.284	0.284	3.12	1.00	1.00	11/21/16	KCA	1
Isopropylalcohol	ND	0.407	0.407	ND	1.00	1.00	11/21/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/21/16	KCA	1
m,p-Xylene	1.83	0.230	0.230	7.94	1.00	1.00	11/21/16	KCA	1
Methyl Ethyl Ketone	204	D 3.39	3.39	601	10.0	10.0	11/21/16	KCA	10
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/21/16	KCA	1
Methylene Chloride	ND	0.288	0.288	ND	1.00	1.00	11/21/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/21/16	KCA	1
o-Xylene	0.616	0.230	0.230	2.67	1.00	1.00	11/21/16	KCA	1
Propylene	23.9	0.581	0.581	41.1	1.00	1.00	11/21/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/21/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/21/16	KCA	1
Tetrachloroethene	5.06	0.037	0.037	34.3	0.25	0.25	11/21/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/21/16	KCA	1
Toluene	2.92	0.266	0.266	11.0	1.00	1.00	11/21/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/21/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/21/16	KCA	1
Trichloroethene	0.060	0.047	0.047	0.32	0.25	0.25	11/21/16	KCA	1
Trichlorofluoromethane	0.786	0.178	0.178	4.41	1.00	1.00	11/21/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/21/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/21/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	100	%	%	100	%	%	11/21/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by 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 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:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

December 05, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 05, 2016

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

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21357

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

11/16/16 11:35
 11/17/16 15:39

Time

Laboratory Data

SDG ID: GBV86876
 Phoenix ID: BV86879

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: SG9

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	4.37	4.37	ND	30.0	30.0	11/23/16	KCA	30	1
1,1,1-Trichloroethane	ND	5.50	5.50	ND	30.0	30.0	11/23/16	KCA	30	
1,1,2,2-Tetrachloroethane	ND	4.37	4.37	ND	30.0	30.0	11/23/16	KCA	30	
1,1,2-Trichloroethane	ND	5.50	5.50	ND	30.0	30.0	11/23/16	KCA	30	
1,1-Dichloroethane	ND	7.42	7.42	ND	30.0	30.0	11/23/16	KCA	30	
1,1-Dichloroethene	ND	7.57	7.57	ND	30.0	30.0	11/23/16	KCA	30	
1,2,4-Trichlorobenzene	ND	4.04	4.04	ND	30.0	30.0	11/23/16	KCA	30	
1,2,4-Trimethylbenzene	19.3	6.11	6.11	94.8	30.0	30.0	11/23/16	KCA	30	
1,2-Dibromoethane(EDB)	ND	3.91	3.91	ND	30.0	30.0	11/23/16	KCA	30	
1,2-Dichlorobenzene	ND	4.99	4.99	ND	30.0	30.0	11/23/16	KCA	30	
1,2-Dichloroethane	ND	7.42	7.42	ND	30.0	30.0	11/23/16	KCA	30	
1,2-dichloropropane	ND	6.50	6.50	ND	30.0	30.0	11/23/16	KCA	30	
1,2-Dichlorotetrafluoroethane	ND	4.29	4.29	ND	30.0	30.0	11/23/16	KCA	30	
1,3,5-Trimethylbenzene	15.3	6.11	6.11	75.2	30.0	30.0	11/23/16	KCA	30	
1,3-Butadiene	ND	13.6	13.6	ND	30.1	30.1	11/23/16	KCA	30	
1,3-Dichlorobenzene	ND	4.99	4.99	ND	30.0	30.0	11/23/16	KCA	30	
1,4-Dichlorobenzene	ND	4.99	4.99	ND	30.0	30.0	11/23/16	KCA	30	
1,4-Dioxane	ND	8.33	8.33	ND	30.0	30.0	11/23/16	KCA	30	
2-Hexanone(MBK)	ND	7.33	7.33	ND	30.0	30.0	11/23/16	KCA	30	1
4-Ethyltoluene	ND	6.11	6.11	ND	30.0	30.0	11/23/16	KCA	30	1
4-Isopropyltoluene	ND	5.47	5.47	ND	30.0	30.0	11/23/16	KCA	30	1
4-Methyl-2-pentanone(MIBK)	ND	7.33	7.33	ND	30.0	30.0	11/23/16	KCA	30	
Acetone	ND	12.6	12.6	ND	29.9	29.9	11/23/16	KCA	30	
Acrylonitrile	ND	13.8	13.8	ND	29.9	29.9	11/23/16	KCA	30	
Benzene	93.5	9.40	9.40	299	30.0	30.0	11/23/16	KCA	30	
Benzyl chloride	ND	5.80	5.80	ND	30.0	30.0	11/23/16	KCA	30	

Client ID: SG9

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	4.48	4.48	ND	30.0	30.0	11/23/16	KCA	30
Bromoform	ND	2.90	2.90	ND	30.0	30.0	11/23/16	KCA	30
Bromomethane	ND	7.73	7.73	ND	30.0	30.0	11/23/16	KCA	30
Carbon Disulfide	ND	9.64	9.64	ND	30.0	30.0	11/23/16	KCA	30
Carbon Tetrachloride	ND	1.19	1.19	ND	7.48	7.48	11/23/16	KCA	30
Chlorobenzene	ND	6.52	6.52	ND	30.0	30.0	11/23/16	KCA	30
Chloroethane	ND	11.4	11.4	ND	30.1	30.1	11/23/16	KCA	30
Chloroform	ND	6.15	6.15	ND	30.0	30.0	11/23/16	KCA	30
Chloromethane	ND	14.5	14.5	ND	29.9	29.9	11/23/16	KCA	30
Cis-1,2-Dichloroethene	ND	7.57	7.57	ND	30.0	30.0	11/23/16	KCA	30
cis-1,3-Dichloropropene	ND	6.61	6.61	ND	30.0	30.0	11/23/16	KCA	30
Cyclohexane	ND	8.72	8.72	ND	30.0	30.0	11/23/16	KCA	30
Dibromochloromethane	ND	3.52	3.52	ND	30.0	30.0	11/23/16	KCA	30
Dichlorodifluoromethane	ND	6.07	6.07	ND	30.0	30.0	11/23/16	KCA	30
Ethanol	23.4	15.9	15.9	44.1	29.9	29.9	11/23/16	KCA	30
Ethyl acetate	ND	8.33	8.33	ND	30.0	30.0	11/23/16	KCA	30
Ethylbenzene	ND	6.91	6.91	ND	30.0	30.0	11/23/16	KCA	30
Heptane	3930	D 65.9	65.9	16100	270	270	11/28/16	KCA	270
Hexachlorobutadiene	ND	2.81	2.81	ND	30.0	30.0	11/23/16	KCA	30
Hexane	10800	D 76.6	76.6	38000	270	270	11/28/16	KCA	270
Isopropylalcohol	ND	12.2	12.2	ND	30.0	30.0	11/23/16	KCA	30
Isopropylbenzene	ND	6.11	6.11	ND	30.0	30.0	11/23/16	KCA	30
m,p-Xylene	131	6.91	6.91	568	30.0	30.0	11/23/16	KCA	30
Methyl Ethyl Ketone	ND	10.2	10.2	ND	30.1	30.1	11/23/16	KCA	30
Methyl tert-butyl ether(MTBE)	3150	D 74.9	74.9	11300	270	270	11/28/16	KCA	270
Methylene Chloride	ND	8.64	8.64	ND	30.0	30.0	11/23/16	KCA	30
n-Butylbenzene	ND	5.47	5.47	ND	30.0	30.0	11/23/16	KCA	30
o-Xylene	25.5	6.91	6.91	111	30.0	30.0	11/23/16	KCA	30
Propylene	337	17.4	17.4	580	29.9	29.9	11/23/16	KCA	30
sec-Butylbenzene	ND	5.47	5.47	ND	30.0	30.0	11/23/16	KCA	30
Styrene	ND	7.05	7.05	ND	30.0	30.0	11/23/16	KCA	30
Tetrachloroethene	ND	1.11	1.11	ND	7.52	7.52	11/23/16	KCA	30
Tetrahydrofuran	ND	10.2	10.2	ND	30.1	30.1	11/23/16	KCA	30
Toluene	ND	7.97	7.97	ND	30.0	30.0	11/23/16	KCA	30
Trans-1,2-Dichloroethene	ND	7.57	7.57	ND	30.0	30.0	11/23/16	KCA	30
trans-1,3-Dichloropropene	ND	6.61	6.61	ND	30.0	30.0	11/23/16	KCA	30
Trichloroethene	ND	1.40	1.40	ND	7.52	7.52	11/23/16	KCA	30
Trichlorofluoromethane	ND	5.34	5.34	ND	30.0	30.0	11/23/16	KCA	30
Trichlorotrifluoroethane	ND	3.92	3.92	ND	30.0	30.0	11/23/16	KCA	30
Vinyl Chloride	14.1	2.94	2.94	36.0	7.51	7.51	11/23/16	KCA	30
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	96	%	%	96	%	%	11/23/16	KCA	30

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by 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 LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

An elevated reporting level was reported for TO15 due to a matrix interference of non target compounds.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

December 05, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 05, 2016

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

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 357

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

11/16/16
 11/17/16

Time

11:31
 15:39

Laboratory Data

SDG ID: GBV86876
 Phoenix ID: BV86880

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: SG7

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	4.37	4.37	ND	30.0	30.0	11/23/16	KCA	30	1
1,1,1-Trichloroethane	ND	5.50	5.50	ND	30.0	30.0	11/23/16	KCA	30	
1,1,2,2-Tetrachloroethane	ND	4.37	4.37	ND	30.0	30.0	11/23/16	KCA	30	
1,1,2-Trichloroethane	ND	5.50	5.50	ND	30.0	30.0	11/23/16	KCA	30	
1,1-Dichloroethane	ND	7.42	7.42	ND	30.0	30.0	11/23/16	KCA	30	
1,1-Dichloroethene	ND	7.57	7.57	ND	30.0	30.0	11/23/16	KCA	30	
1,2,4-Trichlorobenzene	ND	4.04	4.04	ND	30.0	30.0	11/23/16	KCA	30	
1,2,4-Trimethylbenzene	ND	6.11	6.11	ND	30.0	30.0	11/23/16	KCA	30	
1,2-Dibromoethane(EDB)	ND	3.91	3.91	ND	30.0	30.0	11/23/16	KCA	30	
1,2-Dichlorobenzene	ND	4.99	4.99	ND	30.0	30.0	11/23/16	KCA	30	
1,2-Dichloroethane	ND	7.42	7.42	ND	30.0	30.0	11/23/16	KCA	30	
1,2-dichloropropane	ND	6.50	6.50	ND	30.0	30.0	11/23/16	KCA	30	
1,2-Dichlorotetrafluoroethane	ND	4.29	4.29	ND	30.0	30.0	11/23/16	KCA	30	
1,3,5-Trimethylbenzene	ND	6.11	6.11	ND	30.0	30.0	11/23/16	KCA	30	
1,3-Butadiene	ND	13.6	13.6	ND	30.1	30.1	11/23/16	KCA	30	
1,3-Dichlorobenzene	ND	4.99	4.99	ND	30.0	30.0	11/23/16	KCA	30	
1,4-Dichlorobenzene	ND	4.99	4.99	ND	30.0	30.0	11/23/16	KCA	30	
1,4-Dioxane	ND	8.33	8.33	ND	30.0	30.0	11/23/16	KCA	30	
2-Hexanone(MBK)	ND	7.33	7.33	ND	30.0	30.0	11/23/16	KCA	30	1
4-Ethyltoluene	ND	6.11	6.11	ND	30.0	30.0	11/23/16	KCA	30	1
4-Isopropyltoluene	ND	5.47	5.47	ND	30.0	30.0	11/23/16	KCA	30	1
4-Methyl-2-pentanone(MIBK)	ND	7.33	7.33	ND	30.0	30.0	11/23/16	KCA	30	
Acetone	ND	12.6	12.6	ND	29.9	29.9	11/23/16	KCA	30	
Acrylonitrile	ND	13.8	13.8	ND	29.9	29.9	11/23/16	KCA	30	
Benzene	194	9.40	9.40	619	30.0	30.0	11/23/16	KCA	30	
Benzyl chloride	ND	5.80	5.80	ND	30.0	30.0	11/23/16	KCA	30	

Client ID: SG7

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	4.48	4.48	ND	30.0	30.0	11/23/16	KCA	30
Bromoform	ND	2.90	2.90	ND	30.0	30.0	11/23/16	KCA	30
Bromomethane	ND	7.73	7.73	ND	30.0	30.0	11/23/16	KCA	30
Carbon Disulfide	ND	9.64	9.64	ND	30.0	30.0	11/23/16	KCA	30
Carbon Tetrachloride	ND	1.19	1.19	ND	7.48	7.48	11/23/16	KCA	30
Chlorobenzene	ND	6.52	6.52	ND	30.0	30.0	11/23/16	KCA	30
Chloroethane	ND	11.4	11.4	ND	30.1	30.1	11/23/16	KCA	30
Chloroform	ND	6.15	6.15	ND	30.0	30.0	11/23/16	KCA	30
Chloromethane	ND	14.5	14.5	ND	29.9	29.9	11/23/16	KCA	30
Cis-1,2-Dichloroethene	27.6	7.57	7.57	109	30.0	30.0	11/23/16	KCA	30
cis-1,3-Dichloropropene	ND	6.61	6.61	ND	30.0	30.0	11/23/16	KCA	30
Cyclohexane	4500	D 87.2	87.2	15500	300	300	11/28/16	KCA	300
Dibromochloromethane	ND	3.52	3.52	ND	30.0	30.0	11/23/16	KCA	30
Dichlorodifluoromethane	ND	6.07	6.07	ND	30.0	30.0	11/23/16	KCA	30
Ethanol	ND	15.9	15.9	ND	29.9	29.9	11/23/16	KCA	30
Ethyl acetate	ND	8.33	8.33	ND	30.0	30.0	11/23/16	KCA	30
Ethylbenzene	ND	6.91	6.91	ND	30.0	30.0	11/23/16	KCA	30
Heptane	3160	D 73.2	73.2	12900	300	300	11/28/16	KCA	300
Hexachlorobutadiene	ND	2.81	2.81	ND	30.0	30.0	11/23/16	KCA	30
Hexane	7950	D 85.2	85.2	28000	300	300	11/28/16	KCA	300
Isopropylalcohol	ND	12.2	12.2	ND	30.0	30.0	11/23/16	KCA	30
Isopropylbenzene	ND	6.11	6.11	ND	30.0	30.0	11/23/16	KCA	30
m,p-Xylene	ND	6.91	6.91	ND	30.0	30.0	11/23/16	KCA	30
Methyl Ethyl Ketone	57.3	10.2	10.2	169	30.1	30.1	11/23/16	KCA	30
Methyl tert-butyl ether(MTBE)	711	8.33	8.33	2560	30.0	30.0	11/23/16	KCA	30
Methylene Chloride	ND	8.64	8.64	ND	30.0	30.0	11/23/16	KCA	30
n-Butylbenzene	ND	5.47	5.47	ND	30.0	30.0	11/23/16	KCA	30
o-Xylene	ND	6.91	6.91	ND	30.0	30.0	11/23/16	KCA	30
Propylene	ND	17.4	17.4	ND	29.9	29.9	11/23/16	KCA	30
sec-Butylbenzene	ND	5.47	5.47	ND	30.0	30.0	11/23/16	KCA	30
Styrene	ND	7.05	7.05	ND	30.0	30.0	11/23/16	KCA	30
Tetrachloroethene	2.13	1.11	1.11	14.4	7.52	7.52	11/23/16	KCA	30
Tetrahydrofuran	ND	10.2	10.2	ND	30.1	30.1	11/23/16	KCA	30
Toluene	ND	7.97	7.97	ND	30.0	30.0	11/23/16	KCA	30
Trans-1,2-Dichloroethene	ND	7.57	7.57	ND	30.0	30.0	11/23/16	KCA	30
trans-1,3-Dichloropropene	ND	6.61	6.61	ND	30.0	30.0	11/23/16	KCA	30
Trichloroethene	2.10	1.40	1.40	11.3	7.52	7.52	11/23/16	KCA	30
Trichlorofluoromethane	ND	5.34	5.34	ND	30.0	30.0	11/23/16	KCA	30
Trichlorotrifluoroethane	ND	3.92	3.92	ND	30.0	30.0	11/23/16	KCA	30
Vinyl Chloride	990	2.94	2.94	2530	7.51	7.51	11/23/16	KCA	30
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	98	%	%	98	%	%	11/23/16	KCA	30

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by 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 LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

An elevated reporting level was reported for TO15 due to a matrix interference of non target compounds.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

December 05, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 05, 2016

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

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13650

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/16/16 11:29
 11/17/16 15:39

Laboratory Data

SDG ID: GBV86876
 Phoenix ID: BV86881

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: SG8

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	4.37	4.37	ND	30.0	30.0	11/23/16	KCA	30
1,1,1-Trichloroethane	ND	5.50	5.50	ND	30.0	30.0	11/23/16	KCA	30
1,1,2,2-Tetrachloroethane	ND	4.37	4.37	ND	30.0	30.0	11/23/16	KCA	30
1,1,2-Trichloroethane	ND	5.50	5.50	ND	30.0	30.0	11/23/16	KCA	30
1,1-Dichloroethane	ND	7.42	7.42	ND	30.0	30.0	11/23/16	KCA	30
1,1-Dichloroethene	ND	7.57	7.57	ND	30.0	30.0	11/23/16	KCA	30
1,2,4-Trichlorobenzene	ND	4.04	4.04	ND	30.0	30.0	11/23/16	KCA	30
1,2,4-Trimethylbenzene	ND	6.11	6.11	ND	30.0	30.0	11/23/16	KCA	30
1,2-Dibromoethane(EDB)	ND	3.91	3.91	ND	30.0	30.0	11/23/16	KCA	30
1,2-Dichlorobenzene	ND	4.99	4.99	ND	30.0	30.0	11/23/16	KCA	30
1,2-Dichloroethane	ND	7.42	7.42	ND	30.0	30.0	11/23/16	KCA	30
1,2-dichloropropane	ND	6.50	6.50	ND	30.0	30.0	11/23/16	KCA	30
1,2-Dichlorotetrafluoroethane	ND	4.29	4.29	ND	30.0	30.0	11/23/16	KCA	30
1,3,5-Trimethylbenzene	ND	6.11	6.11	ND	30.0	30.0	11/23/16	KCA	30
1,3-Butadiene	ND	13.6	13.6	ND	30.1	30.1	11/23/16	KCA	30
1,3-Dichlorobenzene	ND	4.99	4.99	ND	30.0	30.0	11/23/16	KCA	30
1,4-Dichlorobenzene	ND	4.99	4.99	ND	30.0	30.0	11/23/16	KCA	30
1,4-Dioxane	ND	8.33	8.33	ND	30.0	30.0	11/23/16	KCA	30
2-Hexanone(MBK)	ND	7.33	7.33	ND	30.0	30.0	11/23/16	KCA	30
4-Ethyltoluene	ND	6.11	6.11	ND	30.0	30.0	11/23/16	KCA	30
4-Isopropyltoluene	ND	5.47	5.47	ND	30.0	30.0	11/23/16	KCA	30
4-Methyl-2-pentanone(MIBK)	ND	7.33	7.33	ND	30.0	30.0	11/23/16	KCA	30
Acetone	ND	12.6	12.6	ND	29.9	29.9	11/23/16	KCA	30
Acrylonitrile	ND	13.8	13.8	ND	29.9	29.9	11/23/16	KCA	30
Benzene	ND	9.40	9.40	ND	30.0	30.0	11/23/16	KCA	30
Benzyl chloride	ND	5.80	5.80	ND	30.0	30.0	11/23/16	KCA	30

Client ID: SG8

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	4.48	4.48	ND	30.0	30.0	11/23/16	KCA	30
Bromoform	ND	2.90	2.90	ND	30.0	30.0	11/23/16	KCA	30
Bromomethane	ND	7.73	7.73	ND	30.0	30.0	11/23/16	KCA	30
Carbon Disulfide	ND	9.64	9.64	ND	30.0	30.0	11/23/16	KCA	30
Carbon Tetrachloride	ND	1.19	1.19	ND	7.48	7.48	11/23/16	KCA	30
Chlorobenzene	ND	6.52	6.52	ND	30.0	30.0	11/23/16	KCA	30
Chloroethane	ND	11.4	11.4	ND	30.1	30.1	11/23/16	KCA	30
Chloroform	ND	6.15	6.15	ND	30.0	30.0	11/23/16	KCA	30
Chloromethane	ND	14.5	14.5	ND	29.9	29.9	11/23/16	KCA	30
Cis-1,2-Dichloroethene	ND	7.57	7.57	ND	30.0	30.0	11/23/16	KCA	30
cis-1,3-Dichloropropene	ND	6.61	6.61	ND	30.0	30.0	11/23/16	KCA	30
Cyclohexane	ND	8.72	8.72	ND	30.0	30.0	11/23/16	KCA	30
Dibromochloromethane	ND	3.52	3.52	ND	30.0	30.0	11/23/16	KCA	30
Dichlorodifluoromethane	ND	6.07	6.07	ND	30.0	30.0	11/23/16	KCA	30
Ethanol	16.3	15.9	15.9	30.7	29.9	29.9	11/23/16	KCA	30
Ethyl acetate	ND	8.33	8.33	ND	30.0	30.0	11/23/16	KCA	30
Ethylbenzene	ND	6.91	6.91	ND	30.0	30.0	11/23/16	KCA	30
Heptane	ND	7.32	7.32	ND	30.0	30.0	11/23/16	KCA	30
Hexachlorobutadiene	ND	2.81	2.81	ND	30.0	30.0	11/23/16	KCA	30
Hexane	36.4	S 8.52	8.52	128	30.0	30.0	11/23/16	KCA	30
Isopropylalcohol	ND	12.2	12.2	ND	30.0	30.0	11/23/16	KCA	30
Isopropylbenzene	ND	6.11	6.11	ND	30.0	30.0	11/23/16	KCA	30
m,p-Xylene	ND	6.91	6.91	ND	30.0	30.0	11/23/16	KCA	30
Methyl Ethyl Ketone	79.2	10.2	10.2	233	30.1	30.1	11/23/16	KCA	30
Methyl tert-butyl ether(MTBE)	1790	D 41.6	41.6	6450	150	150	11/28/16	KCA	150
Methylene Chloride	ND	8.64	8.64	ND	30.0	30.0	11/23/16	KCA	30
n-Butylbenzene	ND	5.47	5.47	ND	30.0	30.0	11/23/16	KCA	30
o-Xylene	ND	6.91	6.91	ND	30.0	30.0	11/23/16	KCA	30
Propylene	ND	17.4	17.4	ND	29.9	29.9	11/23/16	KCA	30
sec-Butylbenzene	ND	5.47	5.47	ND	30.0	30.0	11/23/16	KCA	30
Styrene	ND	7.05	7.05	ND	30.0	30.0	11/23/16	KCA	30
Tetrachloroethene	ND	1.11	1.11	ND	7.52	7.52	11/23/16	KCA	30
Tetrahydrofuran	ND	10.2	10.2	ND	30.1	30.1	11/23/16	KCA	30
Toluene	12.9	7.97	7.97	48.6	30.0	30.0	11/23/16	KCA	30
Trans-1,2-Dichloroethene	ND	7.57	7.57	ND	30.0	30.0	11/23/16	KCA	30
trans-1,3-Dichloropropene	ND	6.61	6.61	ND	30.0	30.0	11/23/16	KCA	30
Trichloroethene	ND	1.40	1.40	ND	7.52	7.52	11/23/16	KCA	30
Trichlorofluoromethane	ND	5.34	5.34	ND	30.0	30.0	11/23/16	KCA	30
Trichlorotrifluoroethane	ND	3.92	3.92	ND	30.0	30.0	11/23/16	KCA	30
Vinyl Chloride	5.46	2.94	2.94	13.9	7.51	7.51	11/23/16	KCA	30
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	100	%	%	100	%	%	11/23/16	KCA	30

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by 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 LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

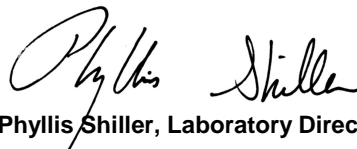
Comments:

An elevated reporting level was reported for TO15 due to a matrix interference of non target compounds.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

December 05, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 05, 2016

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

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13644

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

11/16/16 11:08
 11/17/16 15:39

Time

Laboratory Data

SDG ID: GBV86876
 Phoenix ID: BV86882

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: SG5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	1.46	1.46	ND	10.0	10.0	11/17/16	KCA	10
1,1,1-Trichloroethane	ND	1.83	1.83	ND	10.0	10.0	11/17/16	KCA	10
1,1,2,2-Tetrachloroethane	ND	1.46	1.46	ND	10.0	10.0	11/17/16	KCA	10
1,1,2-Trichloroethane	ND	1.83	1.83	ND	10.0	10.0	11/17/16	KCA	10
1,1-Dichloroethane	ND	2.47	2.47	ND	10.0	10.0	11/17/16	KCA	10
1,1-Dichloroethene	ND	2.52	2.52	ND	10.0	10.0	11/17/16	KCA	10
1,2,4-Trichlorobenzene	ND	1.35	1.35	ND	10.0	10.0	11/17/16	KCA	10
1,2,4-Trimethylbenzene	ND	2.04	2.04	ND	10.0	10.0	11/17/16	KCA	10
1,2-Dibromoethane(EDB)	ND	1.30	1.30	ND	10.0	10.0	11/17/16	KCA	10
1,2-Dichlorobenzene	ND	1.66	1.66	ND	10.0	10.0	11/17/16	KCA	10
1,2-Dichloroethane	ND	2.47	2.47	ND	10.0	10.0	11/17/16	KCA	10
1,2-dichloropropane	ND	2.17	2.17	ND	10.0	10.0	11/17/16	KCA	10
1,2-Dichlorotetrafluoroethane	ND	1.43	1.43	ND	10.0	10.0	11/17/16	KCA	10
1,3,5-Trimethylbenzene	ND	2.04	2.04	ND	10.0	10.0	11/17/16	KCA	10
1,3-Butadiene	ND	4.52	4.52	ND	10.0	10.0	11/17/16	KCA	10
1,3-Dichlorobenzene	ND	1.66	1.66	ND	10.0	10.0	11/17/16	KCA	10
1,4-Dichlorobenzene	ND	1.66	1.66	ND	10.0	10.0	11/17/16	KCA	10
1,4-Dioxane	ND	2.78	2.78	ND	10.0	10.0	11/17/16	KCA	10
2-Hexanone(MBK)	ND	2.44	2.44	ND	10.0	10.0	11/17/16	KCA	10
4-Ethyltoluene	ND	2.04	2.04	ND	10.0	10.0	11/17/16	KCA	10
4-Isopropyltoluene	ND	1.82	1.82	ND	10.0	10.0	11/17/16	KCA	10
4-Methyl-2-pentanone(MIBK)	ND	2.44	2.44	ND	10.0	10.0	11/17/16	KCA	10
Acetone	ND	4.21	4.21	ND	10.0	10.0	11/17/16	KCA	10
Acrylonitrile	ND	4.61	4.61	ND	10.0	10.0	11/17/16	KCA	10
Benzene	358	3.13	3.13	1140	10.0	10.0	11/17/16	KCA	10
Benzyl chloride	ND	1.93	1.93	ND	10.0	10.0	11/17/16	KCA	10

Client ID: SG5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	1.49	1.49	ND	10.0	10.0	11/17/16	KCA	10
Bromoform	ND	0.968	0.968	ND	10.0	10.0	11/17/16	KCA	10
Bromomethane	ND	2.58	2.58	ND	10.0	10.0	11/17/16	KCA	10
Carbon Disulfide	ND	3.21	3.21	ND	10.0	10.0	11/17/16	KCA	10
Carbon Tetrachloride	ND	0.397	0.397	ND	2.50	2.50	11/17/16	KCA	10
Chlorobenzene	ND	2.17	2.17	ND	10.0	10.0	11/17/16	KCA	10
Chloroethane	ND	3.79	3.79	ND	10.0	10.0	11/17/16	KCA	10
Chloroform	ND	2.05	2.05	ND	10.0	10.0	11/17/16	KCA	10
Chloromethane	ND	4.85	4.85	ND	10.0	10.0	11/17/16	KCA	10
Cis-1,2-Dichloroethene	ND	2.52	2.52	ND	10.0	10.0	11/17/16	KCA	10
cis-1,3-Dichloropropene	ND	2.20	2.20	ND	10.0	10.0	11/17/16	KCA	10
Cyclohexane	5090	D 78.5	78.5	17500	270	270	11/28/16	KCA	270
Dibromochloromethane	ND	1.17	1.17	ND	10.0	10.0	11/17/16	KCA	10
Dichlorodifluoromethane	ND	2.02	2.02	ND	10.0	10.0	11/17/16	KCA	10
Ethanol	ND	5.31	5.31	ND	10.0	10.0	11/17/16	KCA	10
Ethyl acetate	ND	2.78	2.78	ND	10.0	10.0	11/17/16	KCA	10
Ethylbenzene	33.7	2.30	2.30	146	10.0	10.0	11/17/16	KCA	10
Heptane	1980	D 18.3	18.3	8110	75.0	75.0	11/21/16	KCA	75
Hexachlorobutadiene	ND	0.938	0.938	ND	10.0	10.0	11/17/16	KCA	10
Hexane	5620	D 76.6	76.6	19800	270	270	11/28/16	KCA	270
Isopropylalcohol	ND	4.07	4.07	ND	10.0	10.0	11/17/16	KCA	10
Isopropylbenzene	ND	2.04	2.04	ND	10.0	10.0	11/17/16	KCA	10
m,p-Xylene	87.2	2.30	2.30	378	10.0	10.0	11/17/16	KCA	10
Methyl Ethyl Ketone	473	D 25.4	25.4	1390	74.9	74.9	11/21/16	KCA	75
Methyl tert-butyl ether(MTBE)	ND	2.78	2.78	ND	10.0	10.0	11/17/16	KCA	10
Methylene Chloride	ND	2.88	2.88	ND	10.0	10.0	11/17/16	KCA	10
n-Butylbenzene	ND	1.82	1.82	ND	10.0	10.0	11/17/16	KCA	10
o-Xylene	28.8	2.30	2.30	125	10.0	10.0	11/17/16	KCA	10
Propylene	636	D 43.6	43.6	1090	75.0	75.0	11/21/16	KCA	75
sec-Butylbenzene	ND	1.82	1.82	ND	10.0	10.0	11/17/16	KCA	10
Styrene	ND	2.35	2.35	ND	10.0	10.0	11/17/16	KCA	10
Tetrachloroethene	0.480	0.369	0.369	3.25	2.50	2.50	11/17/16	KCA	10
Tetrahydrofuran	ND	3.39	3.39	ND	10.0	10.0	11/17/16	KCA	10
Toluene	313	2.66	2.66	1180	10.0	10.0	11/17/16	KCA	10
Trans-1,2-Dichloroethene	ND	2.52	2.52	ND	10.0	10.0	11/17/16	KCA	10
trans-1,3-Dichloropropene	ND	2.20	2.20	ND	10.0	10.0	11/17/16	KCA	10
Trichloroethene	0.760	0.466	0.466	4.08	2.50	2.50	11/17/16	KCA	10
Trichlorofluoromethane	ND	1.78	1.78	ND	10.0	10.0	11/17/16	KCA	10
Trichlorotrifluoroethane	ND	1.31	1.31	ND	10.0	10.0	11/17/16	KCA	10
Vinyl Chloride	ND	0.979	0.979	ND	2.50	2.50	11/17/16	KCA	10
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	108	%	%	108	%	%	11/17/16	KCA	10

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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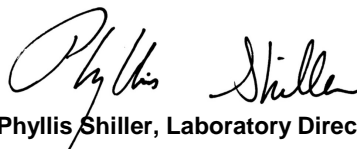
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level 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:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 05, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 05, 2016

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

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 19630

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

11/16/16 11:16
 11/17/16 15:39

Time

Laboratory Data

SDG ID: GBV86876
 Phoenix ID: BV86883

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: SG2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/21/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/21/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/21/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/21/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/21/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/21/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/21/16	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/21/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/21/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/21/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/21/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/21/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/21/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/21/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/21/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/21/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/21/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/21/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/21/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/21/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/21/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/21/16	KCA	1	
Acetone	15.5	0.421	0.421	36.8	1.00	1.00	11/21/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/21/16	KCA	1	
Benzene	ND	0.313	0.313	ND	1.00	1.00	11/21/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/21/16	KCA	1	

Client ID: SG2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/21/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/21/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/21/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/21/16	KCA	1
Carbon Tetrachloride	0.081	0.040	0.040	0.51	0.25	0.25	11/21/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/21/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/21/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/21/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/21/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/21/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/21/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/21/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/21/16	KCA	1
Dichlorodifluoromethane	0.501	0.202	0.202	2.48	1.00	1.00	11/21/16	KCA	1
Ethanol	9.07	0.531	0.531	17.1	1.00	1.00	11/21/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/21/16	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	11/21/16	KCA	1
Heptane	0.330	0.244	0.244	1.35	1.00	1.00	11/21/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/21/16	KCA	1
Hexane	1.01	S 0.284	0.284	3.56	1.00	1.00	11/21/16	KCA	1
Isopropylalcohol	ND	0.407	0.407	ND	1.00	1.00	11/21/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/21/16	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	11/21/16	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	11/21/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/21/16	KCA	1
Methylene Chloride	2.11	S 0.288	0.288	7.33	1.00	1.00	11/21/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/21/16	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	11/21/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/21/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/21/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/21/16	KCA	1
Tetrachloroethene	0.289	0.037	0.037	1.96	0.25	0.25	11/21/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/21/16	KCA	1
Toluene	0.316	0.266	0.266	1.19	1.00	1.00	11/21/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/21/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/21/16	KCA	1
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	11/21/16	KCA	1
Trichlorofluoromethane	0.354	0.178	0.178	1.99	1.00	1.00	11/21/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/21/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/21/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	11/21/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by 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 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:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

December 05, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 05, 2016

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

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 1493

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/16/16 11:18
 11/17/16 15:39

Laboratory Data

SDG ID: GBV86876
 Phoenix ID: BV86884

Project ID: 1181 FLUSHING AVE., BROOKLYN
 Client ID: SG1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/21/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/21/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/21/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/21/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/21/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/21/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/21/16	KCA	1	
1,2,4-Trimethylbenzene	0.253	0.204	0.204	1.24	1.00	1.00	11/21/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/21/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/21/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/21/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/21/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/21/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/21/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/21/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/21/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/21/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/21/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/21/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/21/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/21/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/21/16	KCA	1	
Acetone	71.4	D 4.21	4.21	170	10.0	10.0	11/18/16	KCA	10	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/21/16	KCA	1	
Benzene	0.364	0.313	0.313	1.16	1.00	1.00	11/21/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/21/16	KCA	1	

Client ID: SG1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/21/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/21/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/21/16	KCA	1
Carbon Disulfide	0.513	0.321	0.321	1.60	1.00	1.00	11/21/16	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	11/21/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/21/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/21/16	KCA	1
Chloroform	0.560	0.205	0.205	2.73	1.00	1.00	11/21/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/21/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/21/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/21/16	KCA	1
Cyclohexane	0.297	0.291	0.291	1.02	1.00	1.00	11/21/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/21/16	KCA	1
Dichlorodifluoromethane	1.44	0.202	0.202	7.12	1.00	1.00	11/21/16	KCA	1
Ethanol	10.7	0.531	0.531	20.1	1.00	1.00	11/21/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/21/16	KCA	1
Ethylbenzene	0.401	0.230	0.230	1.74	1.00	1.00	11/21/16	KCA	1
Heptane	0.641	0.244	0.244	2.63	1.00	1.00	11/21/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/21/16	KCA	1
Hexane	0.323	S 0.284	0.284	1.14	1.00	1.00	11/21/16	KCA	1
Isopropylalcohol	0.776	0.407	0.407	1.91	1.00	1.00	11/21/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/21/16	KCA	1
m,p-Xylene	1.36	0.230	0.230	5.90	1.00	1.00	11/21/16	KCA	1
Methyl Ethyl Ketone	1.18	0.339	0.339	3.48	1.00	1.00	11/21/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/21/16	KCA	1
Methylene Chloride	ND	0.288	0.288	ND	1.00	1.00	11/21/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/21/16	KCA	1
o-Xylene	0.462	0.230	0.230	2.00	1.00	1.00	11/21/16	KCA	1
Propylene	1.52	0.581	0.581	2.61	1.00	1.00	11/21/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/21/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/21/16	KCA	1
Tetrachloroethene	1.17	0.037	0.037	7.93	0.25	0.25	11/21/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/21/16	KCA	1
Toluene	1.14	0.266	0.266	4.29	1.00	1.00	11/21/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/21/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/21/16	KCA	1
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	11/21/16	KCA	1
Trichlorofluoromethane	4.58	0.178	0.178	25.7	1.00	1.00	11/21/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/21/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/21/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	11/21/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by 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 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:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

December 05, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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QA/QC Report

December 05, 2016

QA/QC Data

SDG I.D.: GBV86876

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 367345 (ppbv), QC Sample No: BV86444 (BV86877 (1X, 100X) , BV86882 (10X) , BV86884 (10X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	133	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	101	15.9	15.9	6.71	6.68	0.4	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.313	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	107	ND	ND	ND	ND	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	106	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	95	17.2	16.9	9.11	8.98	1.4	70 - 130	25

QA/QC Data

SDG I.D.: GBV86876

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	0.278	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.244	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	115	2.51	2.38	1.02	0.968	NC	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	111	5.08	5.08	1.17	1.17	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	135	6.34	6.04	2.15	2.05	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.581	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	107	ND	ND	ND	ND	NC	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	111	1.96	1.89	0.666	0.641	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	104	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	110	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	110	%	110	%	105	107	104	107	104	NC	70 - 130	25

QA/QC Batch 367592 (ppbv), QC Sample No: BV86878 (BV86876 (18.5X, 92.5X) , BV86878 (1X, 10X) , BV86882 (75X) , BV86883, BV86884)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	114	1.02	1.05	0.187	0.193	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	84	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	94	1.57	1.53	0.319	0.312	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	104	24.2	24.2	5.91	5.91	0.0	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	92	62.7	60.8	26.4	25.6	3.1	70 - 130	25

QA/QC Data

SDG I.D.: GBV86876

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Acrylonitrile	ND	0.461	ND	1.00	70	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.313	ND	1.00	106	1.67	1.77	0.522	0.555	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	86	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	117	ND	ND	ND	ND	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	87	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	112	3.73	3.53	0.754	0.715	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	75	50.7	49.9	26.9	26.5	1.5	70 - 130	25
Ethyl acetate	ND	0.278	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	110	2.43	2.37	0.559	0.546	NC	70 - 130	25
Heptane	ND	0.244	ND	1.00	100	2.47	2.33	0.602	0.568	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	120	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	100	3.12 S	2.97 S	0.885 S	0.844 S	NC	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	107	7.94	7.72	1.83	1.78	2.8	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	120	572	557	194	189	2.6	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	82	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	103	2.67	2.59	0.616	0.596	NC	70 - 130	25
Propylene	ND	0.581	ND	1.00	107	41.1	37.5	23.9	21.8	9.2	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	112	34.3	34.4	5.06	5.07	0.2	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	85	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	108	11.0	10.7	2.92	2.83	3.1	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	82	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	106	0.32	0.30	0.060	0.055	NC	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	103	4.41	4.67	0.786	0.831	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	96	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	105	%	105	%	95	100	104	100	104	NC	70 - 130	25

QA/QC Batch 367892 (ppbv), QC Sample No: BV89467 (BV86879 (30X) , BV86880 (30X) , BV86881 (30X))

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GBV86876

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	86	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	87	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	93	2.45 S	2.49 S	1.03 S	1.05 S	NC	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	74	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.313	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	104	0.53	0.55	0.084	0.088	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	82	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	85	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	92	2.37	2.24	0.479	0.454	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	59	1.07	ND	0.570	ND	NC	70 - 130	25
Ethyl acetate	ND	0.278	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.244	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	80	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	81	ND	ND	ND	ND	NC	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	86	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.581	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	105	ND	ND	ND	ND	NC	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GBV86876

Parameter	Bik ppbv	Bik RL ppbv	Bik ug/m3	Bik RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Toluene	ND	0.266	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	105	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	95	1.35	1.26	0.240	0.225	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	87	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	88	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	94	%	94	%	98	99	101	99	101	NC	70 - 130	25

QA/QC Batch 368150 (ppbv), QC Sample No: BV90730 (BV86879 (270X) , BV86880 (300X) , BV86881 (150X) , BV86882 (270X))

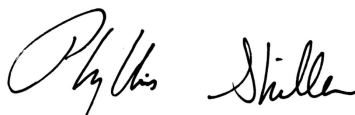
Volatiles

Cyclohexane	ND	0.291	ND	1.00	100						70 - 130	25
Heptane	ND	0.244	ND	1.00	105						70 - 130	25
Hexane	ND	0.284	ND	1.00	104						70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	110						70 - 130	25

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 December 05, 2016

Monday, December 05, 2016

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBV86876 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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



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. # _____ Page 1 of 2
 Data Delivery: Fax #: _____
 Email: **File**
 Phone #: _____

Report to: **Thomas Gallo**
 Customer: **EBC**
 Address: _____
 Invoice to: **EBC**
 Project Name: **1181 Flushing Avenue Brooklyn**
 Requested Deliverables: RCP ASP CAT B
 MCP NJ Deliverables
 State where samples collected: **NY**

Phoenix ID #	Client Sample ID	Canister ID #	THIS SECTION FOR LAB USE ONLY				Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
			Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #										
86876	SG6	21329	6.0	-30	-1	5038	43	9:27	11:27	11-16-16	-30	-4	+		+	
86877	SG4	156			-6	363		9:24	11:24	11-16-16	-30	-6	+		+	
86878	SG3	496			-2	4990		9:21	11:20	11-16-16	-28	-3	+		+	
86879	SG9	21357			-4	4991		9:35	11:35	11-16-16	-29	-4	+		+	
	Did Not Use	224				3252										
	Did Not Use	19224				5707										
86880	SG7	357			-5	5623		9:30	11:31	11-16-16	-30	-6	+		+	
86881	SG8	13650			-4	3502		9:33	11:29	11-16-16	-29	-3	+		+	
86882	SG5	13664			-3	3256	↓	9:08	11:08	11-16-16	-30	-5	+		+	
	9x6L 2H-3															

Relinquished by: **Thomas Gallo** Date: **11-18-16** Time: **9:180**
 Accepted by: **[Signature]** Date: **11-18-16** Time: **10:35**
 Data Format: Excel PDF Other: _____
 Equis GISKey

Requested Criteria: _____

SPECIAL INSTRUCTIONS OR REQUIREMENTS, REGULATORY INFORMATION: _____

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.

Quote Number: _____ Signature: _____ Date: _____



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CHAIN OF CUSTODY RECORD
AIR ANALYSES

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

P.O. # _____
 Data Delivery: Fax #:
 Email: **File**
 Phone #:

Report to:	Invoice to: ERC	Project Name: 1181 Flushing Avenue Brooklyn		Grab (G) Composite (C)	TO-14	TO-15								
Customer: ERC	Requested Deliverables: <input type="checkbox"/> RCP <input type="checkbox"/> MCP <input type="checkbox"/> NJ Deliverables <input type="checkbox"/>	Requested Deliverables: ASP CAT B <input checked="" type="checkbox"/>		Soil Gas										
Address:	Sampled by: Thomas Gaite	State where samples collected: NY		Ambient/Indoor Air										
THIS SECTION FOR LAB USE ONLY														
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)	MATRIX	ANALYSES
86883	SG2	1960	6.0	-30	-5	328	43	9:13	11:16	11-16-16	-30	-6	X	6
86884	SG1	493	6.0	-20	-5	4481	43	9:17	11:18	11-16-16	-29	-5	X	X
206L 2MO														
Relinquished by: _____													Data Format: <input checked="" type="checkbox"/> Excel <input type="checkbox"/> GISKey <input type="checkbox"/>	
Accepted by: [Signature]													Date: 11-18-11	
Requested Criteria: _____													Date: 11-18-16	
SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:														
Requested Criteria														
Quote Number: _____														
Signature: _____														
Date: _____														

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:

APPENDIX - G
DUSRs

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV87817
Client: Environmental Business Consultants
Date: 02/22/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for eight (8) water samples for Semi-volatiles by SW-846 Method 8270D [full scan and Selected Ion Monitoring (SIM)] in accordance with the NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/17/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/18/2016 for analysis.
3. The USEPA Region-II SOP HW-35, Revision 2, March 2013, Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SW-846 Method 8270D was used in evaluating the Semi-volatiles data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (see discussion below).



Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
MW1	BV87817	11/17/16	SVO	Water	
MW2	BV87818	11/17/16	SVO	Water	
MW3	BV87819	11/17/16	SVO	Water	
MW4	BV87820	11/17/16	SVO	Water	
MW5	BV87821	11/17/16	SVO	Water	
MW8	BV87822	11/17/16	SVO	Water	
MW14	BV87823	11/17/16	SVO	Water	
MW15	BV87824	11/17/16	SVO	Water	

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All water samples were extracted within 7 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/MS Tuning:

1. All of the DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/02/2016 (CHEM07)-SIM Scan exhibited acceptable %RSD ($\leq 40.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (> 0.050). No qualifications were required.

2. Initial calibration curve analyzed on 11/17/2016 (CHEM06)-Full Scan exhibited acceptable %RSD ($\leq 40.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (>0.050) with the following exception(s):

Compound	RRF	%RSD
2-Nitrophenol	A	25.9
Benzoic Acid	A	29.5
4,6-Dinitro-2-methylphenol	A	24.4
Pentachlorophenol	A	32.1

Client Sample ID	Laboratory Sample ID	Compound	Action
MW5	BV87821	2-Nitrophenol, Benzoic Acid, 4,6-Dinitro-2-methylphenol	UJ
MW8	BV87822	2-Nitrophenol, 4,6-Dinitro-2-methylphenol, Pentachlorophenol Benzoic Acid	UJ J
MW14	BV87823	2-Nitrophenol, 4,6-Dinitro-2-methylphenol, Pentachlorophenol Benzoic Acid	UJ J
MW15	BV87824	2-Nitrophenol, Benzoic Acid, 4,6-Dinitro-2-methylphenol	UJ

3. Initial calibration curve analyzed on 11/22/2016 (CHEM25)-Full Scan exhibited acceptable %RSD ($\leq 40.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (>0.050) with the following exception(s):

Compound	RRF	%RSD
4,6-Dinitro-2-methylphenol	A	24.7

Client Sample ID	Laboratory Sample ID	Compound	Action
MW1	BV87817	4,6-Dinitro-2-methylphenol	UJ
MW2	BV87818	4,6-Dinitro-2-methylphenol	UJ
MW3	BV87819	4,6-Dinitro-2-methylphenol	UJ
MW4	BV87820	4,6-Dinitro-2-methylphenol	UJ

4. Initial calibration curve analyzed on 11/15/2016 (CHEM27)-Full Scan exhibited acceptable %RSD ($\leq 40.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (>0.050). No qualifications were required.

Continuing Calibration Verification (CCV):

1. CCV analyzed on 11/23/2016 @ 08:43 (CHEM06)-Full scan exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$ with the following exception(s):

Compound	%D
Benzoic Acid	-44.4
Pentachlorophenol	51.3

Client Sample ID	Laboratory Sample ID	Compound	Action
MW5	BV87821	Benzoic Acid	UJ ¹
MW8	BV87822	Benzoic Acid Pentachlorophenol	J ¹ UJ ¹
MW14	BV87823	Benzoic Acid Pentachlorophenol	J ¹ UJ ¹
MW15	BV87824	Benzoic Acid	UJ ¹

(1) Results for these compounds were previously qualified due to ICV criteria.

2. CCV analyzed on 11/23/2016 @ 19:57 (CHEM06)-Full scan exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$ with the following exception(s):

Compound	%D
Benzoic Acid	-62.1

Client Sample ID	Laboratory Sample ID	Compound	Action
MW5	BV87821	Benzoic Acid	UJ ¹
MW8	BV87822	Benzoic Acid	J ¹
MW14	BV87823	Benzoic Acid	J ¹
MW15	BV87824	Benzoic Acid	UJ ¹

(1) Results for these compounds were previously qualified due to ICV criteria.

3. CCV analyzed on 11/22/2016 @ 21:00 (CHEM25)-Full scan exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$. No qualifications were required.

4. CCV analyzed on 11/23/2016 @ 08:15 (CHEM25)-Full scan exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$. No qualifications were required.
5. CCV analyzed on 11/22/2016 @ 08:46 (CHEM07)-SIM scan exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$. No qualifications were required.
6. CCV analyzed on 11/22/2016 @ 19:18 (CHEM07)-SIM scan exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$ with the following exception(s):

Compound	%D
N-nitrosodimethylamine	75.2
Pentachlorophenol	68.0

Client Sample ID	Laboratory Sample ID	Compound	Action
MW5	BV87821	N-nitrosodimethylamine, Pentachlorophenol	UJ
MW15	BV87824	N-nitrosodimethylamine, Pentachlorophenol	UJ

7. CCV analyzed on 11/22/2016 @ 08:43 (CHEM27)-Full scan exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$. No qualifications were required.
8. CCV analyzed on 11/22/2016 @ 11:01 (CHEM27)-Full scan exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$. No qualifications were required.

Surrogates:

1. All surrogate %REC values were within the QC acceptance limits for the full scan with the following exception(s):

Client Sample ID	Surrogate	%REC	Compound	Action
MW1	2,4,6-Tribromophenol	115	Hexachlorobenzene Pentachlorophenol Pentachloronitrobenzene Phenanthrene Anthracene Carbazole Di-n-butylphthalate Fluoranthene	None

Client Sample ID	Surrogate	%REC	Compound	Action
			Benzidine Pyrene	

- All surrogate %REC values were within the QC acceptance limits for the SIM scan. No qualifications were required.

Internal Standard (IS) Area Performance:

- All samples exhibited acceptable area count for all six internal standards with the following exception(s):

Client Sample ID	Laboratory Sample ID	IS	Compound	Action
MW5	BV87821	1,4-Dichlorobenzene-d4 (high) 1,4-Naphthalene-d8 (high) Acenaphthene-d10 (high) Phenanthrene-d10 (high)	Pyrene, Benzidine, Fluoranthene, Di-n-butylphthalate, Carbazole, Anthracene, 4-Bromophenyl Phenyl ether, N-Nitrosodiphenylamine, 4,6-Dinitro-2-methylphenol, 2-Nitroaniline, 4-Chlorophenyl phenyl ether, Fluorene, Diethyl phthalate, 4-Nitrophenol, 2,4-Dinitrotoluene, Dibenzofuran, 2,4-Dinitrophenol, Acenaphthene, 3-Nitroaniline, Acenaphthylene, 2,6-Dinitrotoluene, Dimethylphthalate, 4-Nitroaniline, 2-Chloronaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, Hexachlorocyclopentadiene, 2-Methylnaphthalene, 4-chloro-3-methylphenol, 4-chloroaniline, Naphthalene, 1,2,4-Trichlorobenzene, 2,4-Dichlorophenol, Benzoic Acid, Bis(2-chloroethoxy)methane, 2,4-Dimethylphenol, 2-Nitrophenol, Isophorone, 3&4-Methylphenol, N-nitrosodi-n-propylamine, bis(2-chloroisopropyl)ether, 2-methylphenol, 1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 2-chlorophenol, aniline, Bis(2-chloroethyl)ether, Phenol, pyridine	None

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinstate Blank (RB) and Equipment Blank (EB):

- Method Blank (BV86907 BLANK)-full Scan associated with the water samples extracted on 11/18/2016 and analyzed on 11/22/2016 was free of contamination. No qualifications were required.
- Method Blank (BV86907 BLANK)-SIM Scan associated with the water samples extracted on 11/18/2016 and analyzed on 11/22/2016 was free of contamination. No qualifications were required.



Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BK86907-SIM were analyzed on 11/21/2016. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.
2. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BV86907 were analyzed on 11/21/2016. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Aniline	A/18/128.0	MW5, MW8, MW14, MW15	UJ
Pyridine	A/A/56	MW5, MW8, MW14, MW15	UJ
Benzoic Acid	A/136/A	MW5, MW 15 MW8, MW14	None J ¹
Hexachlorocyclopentadiene	A/A/23.9	MW5, MW8, MW14, MW15	UJ
3,3'-Dichlorobenzidine	A/A/27.1	MW5, MW8, MW14, MW15	UJ
Benzidine	A/0/NC	MW5, MW8, MW14, MW15	R

(1) Results for this compound were previously qualified due to ICV criteria.

A=Acceptable

Field Duplicate:

1. A field duplicate pair was not submitted with this SDG.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD):

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

Target Compound Identification:

1. All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).
2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

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

2. Manual Calculation:

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

C_x = concentration of analyte as ug/L

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

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

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

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

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

VE= final volume of concentrated extract

Sample: BV86907 LCS

2,4-Dimethylphenol

Initial Volume: 1000ml

Final volume: 1ml

Volume injected: 1µl

Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{454524 \times 40 \times 1\text{ml} \times 1 \times 1000}{1447115 \times 0.298 \times 1 \times 1000\text{ml}} = 42.1\mu\text{g/L}$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
2,4-Dimethylphenol	42.09	42.09	0.0



Comments:

1. Semivolatile data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV87817.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV87817.

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV87817
Client: Environmental Business Consultants
Date: 02/22/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for eight (8) water samples and one (1) trip blank analyzed for Volatiles by SW-846 Method 8260C in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/17/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/18/2016 for analysis.
3. The USEPA Region-II SOP HW-24, Revision 4, October 2014, Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SW-846 Method 8260C was used in evaluating the Volatiles data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (see discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
MW1	BV87817	11/17/16	VOA	Water	
MW2	BV87818	11/17/16	VOA	Water	
MW3	BV87819	11/17/16	VOA	Water	
MW4	BV87820	11/17/16	VOA	Water	
MW5	BV87821	11/17/16	VOA	Water	
MW8	BV87822	11/17/16	VOA	Water	
MW14	BV87823	11/17/16	VOA	Water	
MW15	BV87824	11/17/16	VOA	Water	
Trip Blank	BV87825	11/17/16	VOA	Water	Trip Blank

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All water samples were analyzed within 14 days from sample collection. No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/14/2016 (Chem02) exhibited acceptable %RSDs ($\leq 20.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds, were $\leq 20.0\%$ and average RRF (>0.050) with the following exception(s):

Compound	RRF	%RSD
Bromomethane	A	26.5
Acrolein	0.014	A
Acetone	0.024	A
Acrylonitrile	0.049	A
Tetrahydrofuran	0.037	A
1,2-Dibromo-3-Chloropropane	0.041	A

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
MW1	BV87817	Bromomethane, Acrolein, Acetone, Acrylonitrile, Tetrahydrofuran, 1,2-Dibromo-3-Chloropropane	UJ
MW2	BV87818	Bromomethane, Acrolein, Acrylonitrile 1,2-Dibromo-3-Chloropropane Acetone, Tetrahydrofuran	UJ UJ J
MW3	BV87819	Bromomethane, Acrolein, Acetone, Acrylonitrile, Tetrahydrofuran, 1,2-Dibromo-3-Chloropropane	UJ
MW4	BV87820	Bromomethane, Acrolein, Acrylonitrile 1,2-Dibromo-3-Chloropropane Tetrahydrofuran Acetone	UJ UJ UJ J
MW5	BV87821	Bromomethane, Acrolein, Acrylonitrile 1,2-Dibromo-3-Chloropropane Tetrahydrofuran Acetone	UJ UJ UJ J
MW8	BV87822	Bromomethane, Acrolein, Acrylonitrile 1,2-Dibromo-3-Chloropropane Tetrahydrofuran Acetone	UJ UJ UJ J
MW14	BV87823	Bromomethane, Acrolein, Acetone, Acrylonitrile, Tetrahydrofuran, 1,2-Dibromo-3-Chloropropane	UJ
MW15	BV87824	Bromomethane, Acrolein, Acetone, Acrylonitrile, Tetrahydrofuran, 1,2-Dibromo-3-Chloropropane	UJ
Trip Blank	BV87825	Bromomethane, Acrolein, Acetone, Acrylonitrile, Tetrahydrofuran, 1,2-Dibromo-3-Chloropropane	UJ

Continuing Calibration Verification (CCV):

1. CCV analyzed on 11/18/2016 @ 19:52 (CHEM02) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$ with the following exception(s):

Compound	RRF	%D
2,2-Dichloropropane	A	21.2
Naphthalene	A	20.2
1,2,3-Trichlorobenzene	A	22.9

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
MW1	BV87817	2,2-Dichloropropane, 1,2,3-Trichlorobenzene Naphthalene	UJ J
MW2 DL 20X	BV87818	None	None
MW3 20X	BV87819	2,2-Dichloropropane, 1,2,3-Trichlorobenzene Naphthalene	UJ J
MW8	BV87822	2,2-Dichloropropane, 1,2,3-Trichlorobenzene Naphthalene	UJ J
MW14 20X	BV87823	2,2-Dichloropropane, 1,2,3-Trichlorobenzene Naphthalene	UJ J
MW15	BV87824	2,2-Dichloropropane, 1,2,3-Trichlorobenzene Naphthalene	UJ
Trip Blank	BV87825	2,2-Dichloropropane, 1,2,3-Trichlorobenzene Naphthalene	UJ

2. CCV analyzed on 11/19/2016 @ 05:47 (CHEM02) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$ with the following exception(s):

Compound	RRF	%D
Dichlorodifluoromethane	A	39.0
2,2-Dichloropropane	A	34.3

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
MW1	BV87817	Dichlorodifluoromethane, 2,2-Dichloropropane	UJ

Client Sample ID	Laboratory Sample ID	Compound	Action
MW2 DL 20X	BV87818	None	None
MW3 20X	BV87819	Dichlorodifluoromethane, 2,2-Dichloropropane	UJ
MW8	BV87822	Dichlorodifluoromethane, 2,2-Dichloropropane	UJ
MW14 20X	BV87823	Dichlorodifluoromethane, 2,2-Dichloropropane	UJ
MW15	BV87824	Dichlorodifluoromethane, 2,2-Dichloropropane	UJ
Trip Blank	BV87825	Dichlorodifluoromethane, 2,2-Dichloropropane	UJ

3. CCV analyzed on 11/21/2016 @ 09:11 (CHEM02) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$. No qualifications were required.
4. CCV analyzed on 11/21/2016 @ 17:17 (CHEM02) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.
5. CCV analyzed on 11/22/2016 @ 11:58 (CHEM02) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$. No qualifications were required.

Compound	RRF	%D
Naphthalene	A	22.7
1,2,3-Trichlorobenzene	A	21.8

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
MW1 DL 50X	BV87817	None	None

6. CCV analyzed on 11/22/2016 @ 20:17 (CHEM02) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all water samples and associated QC were within the laboratory control limits. No qualifications were required.

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all four internal standards within the QC limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BLANK BV87805) was analyzed on 11/18/2016 was free of contamination. No qualifications were required.
2. Method Blank (BLANK BV87818) was analyzed on 11/21/2016 was free of contamination. No qualifications were required.
3. Method Blank (BLANK BV88459) was analyzed on 11/22/2016 was free of contamination. No qualifications were required.
4. Trip Blank (BV87825) analyzed on 11/18/2016 was free of contamination. No qualifications were required

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BV87805 were analyzed on 11/18/2016. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.
2. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BV87818 were analyzed on 11/21/2016. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.
3. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BV88459 were analyzed on 11/22/2016. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. A field duplicate pair was not submitted with this SDG.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

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

Target Compound Identification:

1. All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).
2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range. No qualifications were required.
2. Manual Calculation:

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

C_x = concentration of analyte as µg/L

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

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

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

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

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

MW5 (BV87821)

Benzene

Sample Volume= 25ml

Volume purged=25ml

DF = 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{63580 \times 25 \times 10 \times 1}{677996 \times 1.290 \times 25} = 0.727 \mu\text{g/L}$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
Benzene	0.73	0.73	0.0

Comments:

1. Volatile data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV87817.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV87817.

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV87817
Client: Environmental Business Consultants
Date: 02/22/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for eight (8) water samples analyzed for PCBs by SW-846 Method 8082A in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/17/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/18/2016 for analysis.
3. The USEPA Region-II SOP HW-45, Revision 1, October 2006, Validating PCBs compounds by Gas Chromatography, SW-846 Method 8082A was used in evaluating the PCBs data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (see discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
MW1	BV87817	11/17/16	PCBs	Water	
MW2	BV87818	11/17/16	PCBs	Water	
MW3	BV87819	11/17/16	PCBs	Water	
MW4	BV87820	11/17/16	PCBs	Water	
MW5	BV87821	11/17/16	PCBs	Water	
MW8	BV87822	11/17/16	PCBs	Water	
MW14	BV87823	11/17/16	PCBs	Water	
MW15	BV87824	11/17/16	PCBs	Water	

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All water samples were extracted within 7 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/14/2016 (ECD1) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.
2. Initial calibration curve analyzed on 10/24/2016 (ECD6) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 11/21 and 24/2016 exhibited acceptable %Ds ($\leq 15.0\%$ for opening and $\leq 50\%$ for closing) for all compounds. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all water samples and associated QC were within the laboratory control limits (30% - 150%) with the following exception(s):

Client Sample ID	Laboratory Sample ID	Surrogate(s)	Compound	Action
MW8	BV87822	Tetrachloro-m-xylene (23%) Decachlorobiphenyl (21%/12%)	All results	UJ

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BV87817 BL) associated with the water samples extracted on 11/18/2016 and analyzed on 11/21/2016 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with ID: BV87817 were analyzed on 11/21/2016. All %RECs and RPDs were within the laboratory control limits (50% - 150% [30%-150% for surrogates]). No qualifications were required.

Field Duplicate:

1. A field duplicate pair was not submitted with this SDG.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

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

Compound Quantitation, Compound Identification and Reported Detection Limits:

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

2. Manual Calculation:

BV87817 LCS

Aroclor-1016

On Column concentration (B)= 354.616ng

Sample Volume= 1000ml

DF= 1

Vi= 5ml

$$\text{Concentration } (\mu\text{g/L}) = \frac{354.616\text{ng} \times 5\text{ml} \times 1}{1000} = 1.77\mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
Aroclor-1016	1.77	1.77	0.0

Comments:

1. PCBs data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV87817.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV87817.



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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV87817
Client: Environmental Business Consultants
Date: 02/23/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for eight (8) water samples analyzed for Pesticides by SW-846 Method 8081B in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/17/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/18/2016 for analysis.
3. The USEPA Region-II SOP HW-36, Revision 4, May 2013, Validating Pesticide compounds by Gas Chromatography, SW-846 Method 8081B was used in evaluating the Pesticides data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (See discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
MW1	BV87817	11/17/16	Pesticides	Water	
MW2	BV87818	11/17/16	Pesticides	Water	
MW3	BV87819	11/17/16	Pesticides	Water	
MW4	BV87820	11/17/16	Pesticides	Water	
MW5	BV87821	11/17/16	Pesticides	Water	
MW8	BV87822	11/17/16	Pesticides	Water	
MW14	BV87823	11/17/16	Pesticides	Water	
MW15	BV87824	11/17/16	Pesticides	Water	

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All water samples were extracted within 7 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/ECD Instrument Performance Check:

1. 4,4'-DDT and Endrin breakdown exhibited acceptable results ($\pm 20\%$). No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/23/2016 (ECD13) exhibited acceptable %RSD (20%, [25% for alpha-BHC and delta-BHC, 30% for Toxaphene]) on column A. No qualifications are required.
2. Initial calibration curve analyzed on 11/21/2016 (ECD35) exhibited acceptable %RSD (20%, [25% for alpha-BHC and delta-BHC, 30% for Toxaphene]) on column A. No qualifications are required.

Continuing Calibration Verification (CCV):

1. The CCV analyzed on 11/21-23/2016 exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds on column A. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all water samples and associated QC were within the laboratory control limits (30%-150%) with the following exception(s):

Client Sample ID	Laboratory Sample ID	Surrogate(s)	Compound	Action
MW8	BV87822	Tetrachloro-m-xylene (21%/156%) Decachlorobiphenyl (14%/13%)	All results	UJ
MW14	BV87823	Decachlorobiphenyl (29%)	All results	UJ

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BV87817) associated with the water samples extracted on 11/18/2016 and analyzed on 11/21/2016 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with ID: BV87817 were extracted on 11/18/2016 and analyzed on 11/21/2016. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Alpha-BHC	A/A/23.9	MW1 DL, MW5, MW15, MW2, MW3	UJ
Beta-BHC	A/A/27.1	MW1 DL, MW5, MW15, MW2, MW3	UJ
Gamma-BHC	A/A/24.7	MW1 DL, MW5, MW15, MW2, MW3	UJ
Aldrin	A/A/21.7	MW1 DL, MW5, MW15, MW2, MW3	UJ
Heptachlor Epoxide	A/A/23.1	MW1 DL, MW5, MW15, MW2, MW3	UJ
Endosulfan I	A/A/22.7	MW1 DL, MW5, MW15, MW2, MW3	UJ
4,4'-DDE	A/A/26.1	MW1 DL, MW5, MW15, MW2, MW3	UJ

Compound	%R/%R/RPD	Sample Affected	Action
Endosufan II	A/A/23.1	MW1 DL, MW5, MW15, MW2, MW3	UJ
4,4'-DDT	A/A/24.6	MW1 DL, MW5, MW15, MW2, MW3	UJ
Methoxychlor	A/A/24.3	MW1 DL, MW5, MW15, MW2, MW3	UJ
Endrin Ketone	A/A/21.8	MW1 DL, MW5, MW15, MW2, MW3	UJ
Endrin Aldehyde	A/A/20.4	MW1 DL, MW5, MW15, MW2, MW3	UJ
Alpha-Chlordane	A/A/24.3	MW1 DL, MW5, MW15, MW2, MW3	UJ
Gamma-Chlordane	A/A/23.4	MW1 DL, MW5, MW15, MW2, MW3	UJ

A= Acceptable

Field Duplicate:

1. A field duplicate pair was not submitted with this SDG.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

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

Compound Quantitation, Compound Identification and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. Manual Calculation:

BV87817 LCS

4,4'-DDD

On Column concentration (A)= 39.9961ng

Sample Volume= 1000ml

DF = 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{39.9961\text{ng} \times 1\text{ml}}{1000} = 0.040\mu\text{g/L}$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
4,4'-DDD	0.040	0.040	0.0

Comments:

1. Pesticides data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV87817.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV87817.

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV87817
Client: Environmental Business Consultants
Date: 02/22/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for eight (8) water samples (total and dissolved) analyzed for the following analyses:
 - 1.1 Trace Metals-ICP-AES by SW-846 Method 6010C.
 - 1.2 Thallium, antimony, and selenium by SW-846 Method 7010 (GFAA).
 - 1.3 Mercury by SW-846 Method 7470A.
2. The samples were collected on 11/17/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/18/2016 for analysis.
3. The USEPA Region-II SOP No. HW-2a, Revision 15, December 2012, Validation of ICP-AES was used in evaluating the Trace Metals data and USEPA Region-II SOP No. HW-2c, Revision 15, December 2012, Validation of Mercury and Cyanide was used in evaluating the mercury data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (See discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
MW1*	BV87817	11/17/16	ICP, GFAA and CVAA	Water	
MW2*	BV87818	11/17/16	ICP, GFAA and CVAA	Water	
MW3*	BV87819	11/17/16	ICP, GFAA and CVAA	Water	
MW4*	BV87820	11/17/16	ICP, GFAA and CVAA	Water	
MW5*	BV87821	11/17/16	ICP, GFAA and CVAA	Water	
MW8*	BV87822	11/17/16	ICP, GFAA and CVAA	Water	
MW14*	BV87823	11/17/16	ICP, GFAA and CVAA	Water	
MW15*	BV87824	11/17/16	ICP, GFAA and CVAA	Water	

*Total and Dissolved results for this sample.

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All water samples were analyzed within the 6 months holding times for Trace Metals analyses by ICP-AES and GFAA. No qualifications were required.
2. All water samples were digested and analyzed within the 28 days holding times for Mercury analysis. No qualifications were required.

Initial and Continuing Calibration Verification (ICV and CCV):

ICP-AES and GFAA:

1. All %RECs in the ICV and CCVs were within QC limits (90-110%) for dissolved samples with the following exception(s):

Analyte	Date Analyzed	%R	Sample Affected	Action
Selenium (Dissolved)	11/22/16: 15:44	88.9	None	None

- All %RECs in the ICV and CCVs were within QC limits (90-110%) for total samples. No qualifications were required.

Mercury:

Dissolved:

- All correlation coefficient for Mercury calibration curve analyzed were ≥ 0.995 . No qualifications were required.
- All ICVs and CCVs %REC values were within the QC limits (80-115%). No qualifications were required.

Total:

- All correlation coefficient for Mercury calibration curve analyzed were ≥ 0.995 . No qualifications were required.
- All ICVs and CCVs %REC values were within the QC limits (80-115%). No qualifications were required.

CRQL Check Standard (CRI):

Total:

- All CRI analyzed on 1/2/2015 %RECs were within the control limits (70-130%) with the following exception(s):

Analyte	Date Analyzed	Initial %R	Final %R	Sample Affected	Action
Copper	11/20/2016: 20:41	A	134.6	MW1, MW2, MW3, MW4, MW5, MW8, MW14, MW15	None
Selenium	11/22/2016: 10:29	137.4	A	MW1, MW2, MW3, MW4, MW5, MW8, MW14, MW15	None

Analyte	Date Analyzed	Initial %R	Final %R	Sample Affected	Action
Thallium	11/21/2016: 09:26	42.9	-	MW1, MW2, MW3, MW4, MW5, MW8, MW14, MW15	UJ
Antimony	11/20/2016: 09:59	15.7	-	MW1, MW2, MW3, MW4, MW5, MW8, MW14, MW15	UJ

Dissolved:

- All CRI %RECs were within the control limits (70-130%) with the following exception(s):

Analyte	Date Analyzed	Initial %R	Final %R	Sample Affected	Action
Copper	11/20/2016: 20:41	A	134.6	MW1, MW3, MW5 MW2, MW4, MW15	None
Iron	11/22/2016: 06:14	A	178	MW8, MW14	J+
Thallium	11/21/2016: 09:26	42.9	-	MW1, MW2, MW3, MW4, MW5, MW8, MW14, MW15	UJ
Selenium	11/22/2016: 10:29	137.4	-	MW1, MW2, MW3, MW4, MW5, MW8, MW14, MW15	None
Antimony	11/20/2016: 09:59	15.7	-	MW1, MW2, MW3, MW4, MW5, MW8, MW14, MW15	UJ

ICP-AES Interference Check Sample:

- All %REC values were within the QC limits (80-120%) for ICSA and ICSAB. No qualifications were required.

Blanks (Method Blank, ICB and CCB):

ICP-AES and GFAA:

Total:

- Method Blank-Water (total) (BV86575 BLK) (furnace) digested on 11/18/2016 was free of contamination. No qualifications were required.

2. Method Blank-Water (total) (BV86920 BLK) (ICP) digested on 11/18/2016 was free. No qualifications were required.
3. Method Blank-Water (total) (BV87824 BLK) (ICP) digested on 11/18/2016 was free of contamination with the following exception(s):

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Calcium	12	10	MW2, MW3 MW1, MW4, MW5, MW8, MW14, MW15	J None

*= If sample concentration >MDL but < Reporting limit, then sample result qualified as non-detect (U). If sample concentration greater than CRQL but less than 10x the blank result, then qualify estimated (J). If sample concentration greater than 10x the blank results or sample was not detected then no qualifications or action is required.

4. ICBs and CCBs (total) analyzed on 12/29/2015.

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Aluminum	17	10	MW1, MW2, MW3, MW4, MW5	J
Calcium	37	10	MW1, MW2, MW3, MW4, MW5	J
Copper	2	5	None	None
Copper	2	5	None	None
Copper	2	5	MW1, MW2, MW3, MW4, MW5	U
Copper	2	5	MW8, MW14, MW15	U
Lead	1	2	None	None
Iron	46	10	MW1, MW2, MW3, MW5	J
Magnesium	35	10	MW1, MW2, MW3, MW4, MW5	J
Manganese	2	5	None	None
Potassium	21	100	MW1, MW2, MW3, MW4, MW5	J
Sodium	51	100	MW1, MW2	None
Sodium	32	100	MW3 MW4, MW5, MW8, MW14, MW15	None J
Sodium	20	100	None	None
Sodium	224	100	None	None
Calcium	17	10	None	None
Iron	13	10	MW15	J

*= If sample concentration >MDL but < Reporting limit, then sample result qualified as non-detect (U). If sample concentration greater than CRQL but less than 10x the blank result, then qualify estimated (J). If sample concentration greater than 10x the blank results or sample was not detected then no qualifications or action is required.

Dissolved:

1. Method Blank-Water (dissolved) (BV87824 BLK) (furnace) digested on 11/18/2016 was free of contamination. No qualifications were required.
2. Method Blank-Water (dissolved) (BV87824 BLK) (ICP) digested on 11/18/2016 was free of contamination with the following exception(s):

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Calcium	40	10	MW15, MW1, MW2, MW3, MW4, MW5	J

*= If sample concentration >MDL but < Reporting limit, then sample result qualified as non-detect (U). If sample concentration greater than CRQL but less than 10x the blank result, then qualify estimated (J). If sample concentration greater than 10x the blank results or sample was not detected then no qualifications or action is required.

3. ICBs and CCBs (dissolved) analyzed on 11/20-23/2016.

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Calcium	14	10	MW15	None
Copper	2	5	MW1, MW3 MW2, MW4, MW5	U None
Potassium	12	100	MW1, MW2, MW3, MW4, MW5	J
Sodium	11	100	MW1, MW2, MW3, MW4, MW5, MW8, MW14	None
Sodium	13	100	None	None
Sodium	51	100	None	None

*= If sample concentration >MDL but < Reporting limit, then sample result qualified as non-detect (U). If sample concentration greater than CRQL but less than 10x the blank result, then qualify estimated (J). If sample concentration greater than 10x the blank results or sample was not detected then no qualifications or action is required.

Mercury:

Dissolved:

1. All ICB and CCBs were free of contamination. No qualifications were required.
2. Method Blank-Water (dissolved) (BV86888 BLK) digested on 11/21/2016 was free of contamination. No qualifications were required.



Total:

1. All ICB and CCBs were free of contamination. No qualifications were required.
2. Method Blank-Water (total) (BV87341 BLK) digested on 11/21/2016 was free of contamination. No qualifications were required.

Field Blank (FB) and Equipment Blank (EB):

1. Field Blanks were not submitted with this SDG.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

ICP-AES, GFAA and CVAA:

1. Laboratory Control Sample (dissolved) was analyzed on 12/28-30/2015. All %RECs were within the laboratory control limits. No qualifications were required.
2. Laboratory Control Sample (total) was analyzed on 12/07/2015. All %RECs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

Dissolved:

1. A field duplicate pair was not submitted with this SDG.

Total:

1. A field duplicate pair was not submitted with this SDG.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

ICP-AES, GFAA and CVAA (Total):

1. Matrix Spike (MS) was not performed on sample from this SDG.

ICP-AES, GFAA and CVAA (Dissolved):

1. Matrix Spike (MS) was performed on sample MW15 (BV87824) for dissolved metals. All %Rs were within the laboratory control limits. No qualifications were required.

Sample Duplicate:

ICP-AES, GFAA and CVAA:

1. Laboratory Duplicate was not performed on sample from this SDG.
2. Laboratory Duplicate was performed on sample MW15 (BV87824) (dissolved) for ICP-AES and GFAA. All RPDs were within the laboratory control limits. No qualifications were required.

ICP-AES Serial Dilution:

Total:

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

Dissolved:

1. ICP serial dilution was performed on sample MW15 (BV87824). For all results for which the concentration in the original sample is $\geq 50x$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit (%D $\pm 10\%$). No qualifications were required.

Verification of Instrumental Parameters:

1. The following Forms were present in the data package:
 - 1.1 Method Detection Limits, Form- X.
 - 1.2 ICP-AES Interelement Correction Factors, Form -XIA and Form-XIB.
 - 1.3 ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits:

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

2. Manual calculation:

Sample: MW1 (BV87817)

Barium (total)

DF: 1

0.5385mg/L was reported on the raw data and the laboratory reported 0.539mg/L on Form-I.

Comments:

1. Trace Metals data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV87817.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV87817.



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBV87817

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW1	BV87817	7010	11/17/16	1	Antimony		mg/L	UJ	0.002
MW1	BV87817	7010	11/17/16	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW1	BV87817	7010	11/17/16	1	Selenium		mg/L	U	0.002
MW1	BV87817	7010	11/17/16	1	Selenium, (Dissolved)		mg/L	U	0.004
MW1	BV87817	7010	11/17/16	1	Thallium - LDL		mg/L	UJ	0.0005
MW1	BV87817	7010	11/17/16	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
MW1	BV87817	SW6010	11/17/16	1	Aluminum	20.9	mg/L	J	0.010
MW1	BV87817	SW6010	11/17/16	1	Aluminum (Dissolved)		mg/L	U	0.011
MW1	BV87817	SW6010	11/17/16	1	Arsenic - LDL	0.008	mg/L		0.004
MW1	BV87817	SW6010	11/17/16	1	Arsenic, (Dissolved)		mg/L	U	0.003
MW1	BV87817	SW6010	11/17/16	1	Barium	0.539	mg/L		0.010
MW1	BV87817	SW6010	11/17/16	1	Barium (Dissolved)	0.230	mg/L		0.011
MW1	BV87817	SW6010	11/17/16	1	Beryllium	0.001	mg/L		0.001
MW1	BV87817	SW6010	11/17/16	1	Beryllium (Dissolved)		mg/L	U	0.001
MW1	BV87817	SW6010	11/17/16	1	Cadmium	0.002	mg/L	J	0.004
MW1	BV87817	SW6010	11/17/16	1	Cadmium (Dissolved)		mg/L	U	0.004
MW1	BV87817	SW6010	11/17/16	1	Calcium	133	mg/L	J	0.010
MW1	BV87817	SW6010	11/17/16	1	Calcium (Dissolved)	119	mg/L	J	0.01
MW1	BV87817	SW6010	11/17/16	1	Chromium	0.052	mg/L		0.001
MW1	BV87817	SW6010	11/17/16	1	Chromium (Dissolved)		mg/L	U	0.001
MW1	BV87817	SW6010	11/17/16	1	Cobalt	0.018	mg/L		0.005
MW1	BV87817	SW6010	11/17/16	1	Cobalt, (Dissolved)	0.002	mg/L	J	0.005
MW1	BV87817	SW6010	11/17/16	1	Copper	0.053	mg/L	U	0.005
MW1	BV87817	SW6010	11/17/16	1	Copper, (Dissolved)	0.001	mg/L	U	0.005
MW1	BV87817	SW6010	11/17/16	1	Iron	70.8	mg/L	J	0.01
MW1	BV87817	SW6010	11/17/16	1	Iron, (Dissolved)	0.03	mg/L		0.01
MW1	BV87817	SW6010	11/17/16	1	Lead	0.051	mg/L		0.002
MW1	BV87817	SW6010	11/17/16	1	Lead (Dissolved)		mg/L	U	0.002
MW1	BV87817	SW6010	11/17/16	1	Magnesium	31.4	mg/L	J	0.010
MW1	BV87817	SW6010	11/17/16	1	Magnesium (Dissolved)	25.3	mg/L		0.01
MW1	BV87817	SW6010	11/17/16	10	Manganese	5.40	mg/L		0.050
MW1	BV87817	SW6010	11/17/16	10	Manganese, (Dissolved)	3.43	mg/L		0.053
MW1	BV87817	SW6010	11/17/16	1	Nickel	0.032	mg/L		0.004
MW1	BV87817	SW6010	11/17/16	1	Nickel, (Dissolved)	0.004	mg/L	J	0.004
MW1	BV87817	SW6010	11/17/16	1	Potassium	45.2	mg/L	J	0.1
MW1	BV87817	SW6010	11/17/16	1	Potassium (Dissolved)	40.4	mg/L	J	0.1
MW1	BV87817	SW6010	11/17/16	1	Silver		mg/L	U	0.005
MW1	BV87817	SW6010	11/17/16	1	Silver (Dissolved)		mg/L	U	0.005
MW1	BV87817	SW6010	11/17/16	10	Sodium	342	mg/L		1.0
MW1	BV87817	SW6010	11/17/16	10	Sodium (Dissolved)	322	mg/L		1.1



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBV87817

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW1	BV87817	SW6010	11/17/16	1	Vanadium	0.057	mg/L		0.010
MW1	BV87817	SW6010	11/17/16	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW1	BV87817	SW6010	11/17/16	1	Zinc	0.124	mg/L		0.010
MW1	BV87817	SW6010	11/17/16	1	Zinc, (Dissolved)	0.002	mg/L	J	0.011
MW1	BV87817	SW7470	11/17/16	1	Mercury		mg/L	U	0.0002
MW1	BV87817	SW7470	11/17/16	1	Mercury (Dissolved)		mg/L	U	0.0002
MW1	BV87817	SW8081	11/17/16	10	4,4' -DDD		ug/L	U	0.025
MW1	BV87817	SW8081	11/17/16	10	4,4' -DDE		ug/L	UJ	0.025
MW1	BV87817	SW8081	11/17/16	10	4,4' -DDT		ug/L	UJ	0.025
MW1	BV87817	SW8081	11/17/16	10	a-BHC		ug/L	UJ	0.025
MW1	BV87817	SW8081	11/17/16	10	a-chlordane		ug/L	UJ	0.10
MW1	BV87817	SW8081	11/17/16	10	Alachlor		ug/L	U	0.75
MW1	BV87817	SW8081	11/17/16	10	Aldrin		ug/L	UJ	0.015
MW1	BV87817	SW8081	11/17/16	10	b-BHC		ug/L	UJ	0.050
MW1	BV87817	SW8081	11/17/16	10	Chlordane		ug/L	U	0.50
MW1	BV87817	SW8081	11/17/16	10	d-BHC		ug/L	U	0.025
MW1	BV87817	SW8081	11/17/16	10	Dieldrin		ug/L	U	0.015
MW1	BV87817	SW8081	11/17/16	10	Endosulfan I		ug/L	UJ	0.10
MW1	BV87817	SW8081	11/17/16	10	Endosulfan II		ug/L	UJ	0.10
MW1	BV87817	SW8081	11/17/16	10	Endosulfan Sulfate		ug/L	U	0.10
MW1	BV87817	SW8081	11/17/16	10	Endrin		ug/L	U	0.050
MW1	BV87817	SW8081	11/17/16	10	Endrin Aldehyde		ug/L	UJ	0.10
MW1	BV87817	SW8081	11/17/16	10	Endrin ketone		ug/L	UJ	0.10
MW1	BV87817	SW8081	11/17/16	10	g-BHC (Lindane)		ug/L	UJ	0.050
MW1	BV87817	SW8081	11/17/16	10	g-chlordane		ug/L	UJ	0.10
MW1	BV87817	SW8081	11/17/16	10	Heptachlor		ug/L	U	0.050
MW1	BV87817	SW8081	11/17/16	10	Heptachlor epoxide		ug/L	UJ	0.050
MW1	BV87817	SW8081	11/17/16	10	Methoxychlor		ug/L	UJ	1.0
MW1	BV87817	SW8081	11/17/16	10	Toxaphene		ug/L	U	2.0
MW1	BV87817	SW8082	11/17/16	1	PCB-1016		ug/L	U	0.050
MW1	BV87817	SW8082	11/17/16	1	PCB-1221		ug/L	U	0.050
MW1	BV87817	SW8082	11/17/16	1	PCB-1232		ug/L	U	0.050
MW1	BV87817	SW8082	11/17/16	1	PCB-1242		ug/L	U	0.050
MW1	BV87817	SW8082	11/17/16	1	PCB-1248		ug/L	U	0.050
MW1	BV87817	SW8082	11/17/16	1	PCB-1254		ug/L	U	0.050
MW1	BV87817	SW8082	11/17/16	1	PCB-1260		ug/L	U	0.050
MW1	BV87817	SW8082	11/17/16	1	PCB-1262		ug/L	U	0.050
MW1	BV87817	SW8082	11/17/16	1	PCB-1268		ug/L	U	0.050
MW1	BV87817	SW8260	11/17/16	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	1,1,1-Trichloroethane		ug/L	U	5.0



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBV87817

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW1	BV87817	SW8260	11/17/16	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	1,1-Dichloroethane		ug/L	U	5.0
MW1	BV87817	SW8260	11/17/16	1	1,1-Dichloroethene		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	1,1-Dichloropropene		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	1,2,3-Trichloropropane		ug/L	U	0.25
MW1	BV87817	SW8260	11/17/16	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	10	1,2,4-Trimethylbenzene	140	ug/L		5.0
MW1	BV87817	SW8260	11/17/16	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	0.50
MW1	BV87817	SW8260	11/17/16	1	1,2-Dibromoethane		ug/L	U	0.25
MW1	BV87817	SW8260	11/17/16	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	1,2-Dichloroethane		ug/L	U	0.60
MW1	BV87817	SW8260	11/17/16	1	1,2-Dichloropropane		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	1,3,5-Trimethylbenzene	18	ug/L		1.0
MW1	BV87817	SW8260	11/17/16	1	1,3-Dichlorobenzene		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	1,3-Dichloropropane		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	1,4-Dichlorobenzene		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	2,2-Dichloropropane		ug/L	UJ	1.0
MW1	BV87817	SW8260	11/17/16	1	2-Chlorotoluene		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	2-Hexanone		ug/L	U	2.5
MW1	BV87817	SW8260	11/17/16	1	2-Isopropyltoluene	1.0	ug/L		1.0
MW1	BV87817	SW8260	11/17/16	1	4-Chlorotoluene		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	4-Methyl-2-pentanone		ug/L	U	2.5
MW1	BV87817	SW8260	11/17/16	1	Acetone		ug/L	UJ	5.0
MW1	BV87817	SW8260	11/17/16	1	Acrolein		ug/L	UJ	5.0
MW1	BV87817	SW8260	11/17/16	1	Acrylonitrile		ug/L	UJ	5.0
MW1	BV87817	SW8260	11/17/16	10	Benzene	64	ug/L		2.5
MW1	BV87817	SW8260	11/17/16	1	Bromobenzene		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	Bromochloromethane		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	Bromodichloromethane		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	Bromoform		ug/L	U	5.0
MW1	BV87817	SW8260	11/17/16	1	Bromomethane		ug/L	UJ	5.0
MW1	BV87817	SW8260	11/17/16	1	Carbon Disulfide		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	Carbon tetrachloride		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	Chlorobenzene		ug/L	U	5.0
MW1	BV87817	SW8260	11/17/16	1	Chloroethane		ug/L	U	5.0
MW1	BV87817	SW8260	11/17/16	1	Chloroform		ug/L	U	5.0
MW1	BV87817	SW8260	11/17/16	1	Chloromethane		ug/L	U	5.0
MW1	BV87817	SW8260	11/17/16	1	cis-1,2-Dichloroethene		ug/L	U	1.0



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBV87817

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW1	BV87817	SW8260	11/17/16	1	cis-1,3-Dichloropropene		ug/L	U	0.40
MW1	BV87817	SW8260	11/17/16	1	Dibromochloromethane		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	Dibromomethane		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	Dichlorodifluoromethane		ug/L	UJ	1.0
MW1	BV87817	SW8260	11/17/16	50	Ethylbenzene	440	ug/L		13
MW1	BV87817	SW8260	11/17/16	1	Hexachlorobutadiene		ug/L	U	0.50
MW1	BV87817	SW8260	11/17/16	1	Isopropylbenzene	26	ug/L		1.0
MW1	BV87817	SW8260	11/17/16	10	m&p-Xylene	290	ug/L		10
MW1	BV87817	SW8260	11/17/16	1	Methyl ethyl ketone		ug/L	U	2.5
MW1	BV87817	SW8260	11/17/16	1	Methyl t-butyl ether (MTBE)	0.50	ug/L	J	1.0
MW1	BV87817	SW8260	11/17/16	1	Methylene chloride		ug/L	U	3.0
MW1	BV87817	SW8260	11/17/16	10	Naphthalene	58	ug/L		10
MW1	BV87817	SW8260	11/17/16	1	n-Butylbenzene	2.2	ug/L		1.0
MW1	BV87817	SW8260	11/17/16	10	n-Propylbenzene	44	ug/L		5.0
MW1	BV87817	SW8260	11/17/16	10	o-Xylene	70	ug/L		5.0
MW1	BV87817	SW8260	11/17/16	1	p-Isopropyltoluene	1.3	ug/L		1.0
MW1	BV87817	SW8260	11/17/16	1	sec-Butylbenzene	3.1	ug/L		1.0
MW1	BV87817	SW8260	11/17/16	1	Styrene		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	tert-Butylbenzene	0.38	ug/L	J	1.0
MW1	BV87817	SW8260	11/17/16	1	Tetrachloroethene		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	Tetrahydrofuran (THF)		ug/L	UJ	5.0
MW1	BV87817	SW8260	11/17/16	1	Toluene	24	ug/L		1.0
MW1	BV87817	SW8260	11/17/16	1	trans-1,2-Dichloroethene		ug/L	U	5.0
MW1	BV87817	SW8260	11/17/16	1	trans-1,3-Dichloropropene		ug/L	U	0.40
MW1	BV87817	SW8260	11/17/16	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5
MW1	BV87817	SW8260	11/17/16	1	Trichloroethene		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	Trichlorofluoromethane		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW1	BV87817	SW8260	11/17/16	1	Vinyl chloride		ug/L	U	1.0
MW1	BV87817	SW8270	11/17/16	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	1,2,4-Trichlorobenzene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	1,2-Dichlorobenzene		ug/L	U	4.7
MW1	BV87817	SW8270	11/17/16	1	1,2-Diphenylhydrazine		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	1,3-Dichlorobenzene		ug/L	U	3.0
MW1	BV87817	SW8270	11/17/16	1	1,4-Dichlorobenzene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	2,4,5-Trichlorophenol		ug/L	U	2.7
MW1	BV87817	SW8270	11/17/16	1	2,4,6-Trichlorophenol		ug/L	U	1.6
MW1	BV87817	SW8270	11/17/16	1	2,4-Dichlorophenol		ug/L	U	1.8
MW1	BV87817	SW8270	11/17/16	1	2,4-Dimethylphenol	4.2	ug/L		1.2
MW1	BV87817	SW8270	11/17/16	1	2,4-Dinitrophenol		ug/L	U	3.5



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBV87817

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW1	BV87817	SW8270	11/17/16	1	2,4-Dinitrotoluene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	2,6-Dinitrotoluene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	2-Chloronaphthalene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	2-Chlorophenol		ug/L	U	1.4
MW1	BV87817	SW8270	11/17/16	1	2-Methylnaphthalene	3.2	ug/L	J	5.0
MW1	BV87817	SW8270	11/17/16	1	2-Methylphenol (o-cresol)		ug/L	U	2.4
MW1	BV87817	SW8270	11/17/16	1	2-Nitroaniline		ug/L	U	5.1
MW1	BV87817	SW8270	11/17/16	1	2-Nitrophenol		ug/L	U	3.2
MW1	BV87817	SW8270	11/17/16	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	3,3'-Dichlorobenzidine		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	3-Nitroaniline		ug/L	U	11
MW1	BV87817	SW8270	11/17/16	1	4,6-Dinitro-2-methylphenol		ug/L	UJ	5.4
MW1	BV87817	SW8270	11/17/16	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	4-Chloro-3-methylphenol		ug/L	U	1.8
MW1	BV87817	SW8270	11/17/16	1	4-Chloroaniline		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	4-Nitroaniline		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	4-Nitrophenol		ug/L	U	2.3
MW1	BV87817	SW8270	11/17/16	1	Acenaphthene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Acenaphthylene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Acetophenone		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Aniline		ug/L	U	15
MW1	BV87817	SW8270	11/17/16	1	Anthracene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Benz(a)anthracene		ug/L	U	1.7
MW1	BV87817	SW8270	11/17/16	1	Benzidine		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Benzo(a)pyrene		ug/L	U	1.6
MW1	BV87817	SW8270	11/17/16	1	Benzo(b)fluoranthene		ug/L	U	1.7
MW1	BV87817	SW8270	11/17/16	1	Benzo(ghi)perylene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Benzo(k)fluoranthene		ug/L	U	1.7
MW1	BV87817	SW8270	11/17/16	1	Benzoic acid		ug/L	U	25
MW1	BV87817	SW8270	11/17/16	1	Benzyl butyl phthalate		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Bis(2-chloroethoxy)methane		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Bis(2-chloroethyl)ether		ug/L	U	1.4
MW1	BV87817	SW8270	11/17/16	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Bis(2-ethylhexyl)phthalate		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Carbazole		ug/L	U	25
MW1	BV87817	SW8270	11/17/16	1	Chrysene		ug/L	U	1.7
MW1	BV87817	SW8270	11/17/16	1	Dibenz(a,h)anthracene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Dibenzofuran		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Diethyl phthalate		ug/L	U	5.0



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBV87817

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW1	BV87817	SW8270	11/17/16	1	Dimethylphthalate		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Di-n-butylphthalate		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Di-n-octylphthalate		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Fluoranthene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Fluorene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Hexachlorobenzene		ug/L	U	1.5
MW1	BV87817	SW8270	11/17/16	1	Hexachlorobutadiene		ug/L	U	1.8
MW1	BV87817	SW8270	11/17/16	1	Hexachlorocyclopentadiene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Hexachloroethane		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Indeno(1,2,3-cd)pyrene		ug/L	U	1.7
MW1	BV87817	SW8270	11/17/16	1	Isophorone		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Naphthalene	51	ug/L		5.0
MW1	BV87817	SW8270	11/17/16	1	Nitrobenzene		ug/L	U	1.8
MW1	BV87817	SW8270	11/17/16	1	N-Nitrosodimethylamine		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	N-Nitrosodiphenylamine		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Pentachloronitrobenzene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Pentachlorophenol		ug/L	U	1.9
MW1	BV87817	SW8270	11/17/16	1	Phenanthrene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Phenol		ug/L	U	1.6
MW1	BV87817	SW8270	11/17/16	1	Pyrene		ug/L	U	5.0
MW1	BV87817	SW8270	11/17/16	1	Pyridine		ug/L	U	5.0
MW2	BV87818	7010	11/17/16	1	Antimony		mg/L	UJ	0.002
MW2	BV87818	7010	11/17/16	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW2	BV87818	7010	11/17/16	1	Selenium		mg/L	U	0.002
MW2	BV87818	7010	11/17/16	1	Selenium, (Dissolved)		mg/L	U	0.004
MW2	BV87818	7010	11/17/16	1	Thallium - LDL		mg/L	UJ	0.0005
MW2	BV87818	7010	11/17/16	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
MW2	BV87818	SW6010	11/17/16	1	Aluminum	5.02	mg/L	J	0.010
MW2	BV87818	SW6010	11/17/16	1	Aluminum (Dissolved)		mg/L	U	0.011
MW2	BV87818	SW6010	11/17/16	1	Arsenic - LDL		mg/L	U	0.004
MW2	BV87818	SW6010	11/17/16	1	Arsenic, (Dissolved)		mg/L	U	0.003
MW2	BV87818	SW6010	11/17/16	1	Barium	0.211	mg/L		0.010
MW2	BV87818	SW6010	11/17/16	1	Barium (Dissolved)	0.137	mg/L		0.011
MW2	BV87818	SW6010	11/17/16	1	Beryllium		mg/L	U	0.001
MW2	BV87818	SW6010	11/17/16	1	Beryllium (Dissolved)		mg/L	U	0.001
MW2	BV87818	SW6010	11/17/16	1	Cadmium	0.001	mg/L	J	0.004
MW2	BV87818	SW6010	11/17/16	1	Cadmium (Dissolved)		mg/L	U	0.004
MW2	BV87818	SW6010	11/17/16	1	Calcium	113	mg/L	J	0.010
MW2	BV87818	SW6010	11/17/16	1	Calcium (Dissolved)	112	mg/L	J	0.01



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBV87817

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW2	BV87818	SW6010	11/17/16	1	Chromium	0.012	mg/L		0.001
MW2	BV87818	SW6010	11/17/16	1	Chromium (Dissolved)		mg/L	U	0.001
MW2	BV87818	SW6010	11/17/16	1	Cobalt	0.005	mg/L	J	0.005
MW2	BV87818	SW6010	11/17/16	1	Cobalt, (Dissolved)		mg/L	U	0.005
MW2	BV87818	SW6010	11/17/16	1	Copper	0.012	mg/L	U	0.005
MW2	BV87818	SW6010	11/17/16	1	Copper, (Dissolved)		mg/L	U	0.005
MW2	BV87818	SW6010	11/17/16	1	Iron	19.3	mg/L	J	0.01
MW2	BV87818	SW6010	11/17/16	1	Iron, (Dissolved)	0.12	mg/L		0.01
MW2	BV87818	SW6010	11/17/16	1	Lead		mg/L	U	0.002
MW2	BV87818	SW6010	11/17/16	1	Lead (Dissolved)	0.002	mg/L		0.002
MW2	BV87818	SW6010	11/17/16	1	Magnesium	30.9	mg/L	J	0.010
MW2	BV87818	SW6010	11/17/16	1	Magnesium (Dissolved)	29.3	mg/L		0.01
MW2	BV87818	SW6010	11/17/16	10	Manganese	6.91	mg/L		0.050
MW2	BV87818	SW6010	11/17/16	10	Manganese, (Dissolved)	6.75	mg/L		0.053
MW2	BV87818	SW6010	11/17/16	1	Nickel	0.007	mg/L		0.004
MW2	BV87818	SW6010	11/17/16	1	Nickel, (Dissolved)	0.001	mg/L	J	0.004
MW2	BV87818	SW6010	11/17/16	1	Potassium	10.5	mg/L	J	0.1
MW2	BV87818	SW6010	11/17/16	1	Potassium (Dissolved)	9.5	mg/L	J	0.1
MW2	BV87818	SW6010	11/17/16	1	Silver		mg/L	U	0.005
MW2	BV87818	SW6010	11/17/16	1	Silver (Dissolved)		mg/L	U	0.005
MW2	BV87818	SW6010	11/17/16	10	Sodium	232	mg/L		1.0
MW2	BV87818	SW6010	11/17/16	10	Sodium (Dissolved)	245	mg/L		1.1
MW2	BV87818	SW6010	11/17/16	1	Vanadium	0.014	mg/L		0.010
MW2	BV87818	SW6010	11/17/16	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW2	BV87818	SW6010	11/17/16	1	Zinc	0.028	mg/L		0.010
MW2	BV87818	SW6010	11/17/16	1	Zinc, (Dissolved)		mg/L	U	0.011
MW2	BV87818	SW7470	11/17/16	1	Mercury		mg/L	U	0.0002
MW2	BV87818	SW7470	11/17/16	1	Mercury (Dissolved)		mg/L	U	0.0002
MW2	BV87818	SW8081	11/17/16	1	4,4' -DDD		ug/L	U	0.005
MW2	BV87818	SW8081	11/17/16	1	4,4' -DDE		ug/L	UJ	0.005
MW2	BV87818	SW8081	11/17/16	1	4,4' -DDT		ug/L	UJ	0.005
MW2	BV87818	SW8081	11/17/16	1	a-BHC		ug/L	UJ	0.005
MW2	BV87818	SW8081	11/17/16	1	a-chlordane		ug/L	UJ	0.010
MW2	BV87818	SW8081	11/17/16	1	Alachlor		ug/L	U	0.075
MW2	BV87818	SW8081	11/17/16	1	Aldrin		ug/L	UJ	0.002
MW2	BV87818	SW8081	11/17/16	1	b-BHC		ug/L	UJ	0.040
MW2	BV87818	SW8081	11/17/16	1	Chlordane		ug/L	U	0.050
MW2	BV87818	SW8081	11/17/16	1	d-BHC		ug/L	U	0.005
MW2	BV87818	SW8081	11/17/16	1	Dieldrin		ug/L	U	0.002
MW2	BV87818	SW8081	11/17/16	1	Endosulfan I		ug/L	UJ	0.010



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BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBV87817

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW2	BV87818	SW8081	11/17/16	1	Endosulfan II		ug/L	UJ	0.010
MW2	BV87818	SW8081	11/17/16	1	Endosulfan Sulfate		ug/L	U	0.010
MW2	BV87818	SW8081	11/17/16	1	Endrin		ug/L	U	0.010
MW2	BV87818	SW8081	11/17/16	1	Endrin Aldehyde		ug/L	UJ	0.010
MW2	BV87818	SW8081	11/17/16	1	Endrin ketone		ug/L	UJ	0.010
MW2	BV87818	SW8081	11/17/16	1	g-BHC (Lindane)		ug/L	UJ	0.005
MW2	BV87818	SW8081	11/17/16	1	g-chlordane		ug/L	UJ	0.010
MW2	BV87818	SW8081	11/17/16	1	Heptachlor		ug/L	U	0.010
MW2	BV87818	SW8081	11/17/16	1	Heptachlor epoxide		ug/L	UJ	0.010
MW2	BV87818	SW8081	11/17/16	1	Methoxychlor		ug/L	UJ	0.10
MW2	BV87818	SW8081	11/17/16	1	Toxaphene		ug/L	U	0.20
MW2	BV87818	SW8082	11/17/16	1	PCB-1016		ug/L	U	0.050
MW2	BV87818	SW8082	11/17/16	1	PCB-1221		ug/L	U	0.050
MW2	BV87818	SW8082	11/17/16	1	PCB-1232		ug/L	U	0.050
MW2	BV87818	SW8082	11/17/16	1	PCB-1242		ug/L	U	0.050
MW2	BV87818	SW8082	11/17/16	1	PCB-1248		ug/L	U	0.050
MW2	BV87818	SW8082	11/17/16	1	PCB-1254		ug/L	U	0.050
MW2	BV87818	SW8082	11/17/16	1	PCB-1260		ug/L	U	0.050
MW2	BV87818	SW8082	11/17/16	1	PCB-1262		ug/L	U	0.050
MW2	BV87818	SW8082	11/17/16	1	PCB-1268		ug/L	U	0.050
MW2	BV87818	SW8260	11/17/16	5	1,1,1,2-Tetrachloroethane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	1,1,1-Trichloroethane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	1,1,2,2-Tetrachloroethane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	1,1,2-Trichloroethane		ug/L	U	1.3
MW2	BV87818	SW8260	11/17/16	5	1,1-Dichloroethane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	1,1-Dichloroethene		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	1,1-Dichloropropene		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	1,2,3-Trichlorobenzene		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	1,2,3-Trichloropropane		ug/L	U	1.3
MW2	BV87818	SW8260	11/17/16	5	1,2,4-Trichlorobenzene		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	20	1,2,4-Trimethylbenzene	300	ug/L		5.0
MW2	BV87818	SW8260	11/17/16	5	1,2-Dibromo-3-chloropropane		ug/L	UJ	2.5
MW2	BV87818	SW8260	11/17/16	5	1,2-Dibromoethane		ug/L	U	1.3
MW2	BV87818	SW8260	11/17/16	5	1,2-Dichlorobenzene		ug/L	U	4.7
MW2	BV87818	SW8260	11/17/16	5	1,2-Dichloroethane		ug/L	U	2.5
MW2	BV87818	SW8260	11/17/16	5	1,2-Dichloropropane		ug/L	U	1.3
MW2	BV87818	SW8260	11/17/16	5	1,3,5-Trimethylbenzene	110	ug/L		5.0
MW2	BV87818	SW8260	11/17/16	5	1,3-Dichlorobenzene		ug/L	U	3.0
MW2	BV87818	SW8260	11/17/16	5	1,3-Dichloropropane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	1,4-Dichlorobenzene		ug/L	U	5.0



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BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBV87817

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW2	BV87818	SW8260	11/17/16	5	2,2-Dichloropropane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	2-Chlorotoluene		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	2-Hexanone		ug/L	U	13
MW2	BV87818	SW8260	11/17/16	5	2-Isopropyltoluene	1.5	ug/L	J	5.0
MW2	BV87818	SW8260	11/17/16	5	4-Chlorotoluene		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	4-Methyl-2-pentanone		ug/L	U	13
MW2	BV87818	SW8260	11/17/16	5	Acetone	53	ug/L	J	25
MW2	BV87818	SW8260	11/17/16	5	Acrolein		ug/L	UJ	13
MW2	BV87818	SW8260	11/17/16	5	Acrylonitrile		ug/L	UJ	13
MW2	BV87818	SW8260	11/17/16	5	Benzene	2.3	ug/L		1.3
MW2	BV87818	SW8260	11/17/16	5	Bromobenzene		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Bromochloromethane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Bromodichloromethane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Bromoform		ug/L	U	25
MW2	BV87818	SW8260	11/17/16	5	Bromomethane		ug/L	UJ	5.0
MW2	BV87818	SW8260	11/17/16	5	Carbon Disulfide		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Carbon tetrachloride		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Chlorobenzene		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Chloroethane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Chloroform		ug/L	U	7.0
MW2	BV87818	SW8260	11/17/16	5	Chloromethane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	cis-1,2-Dichloroethene		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	cis-1,3-Dichloropropene		ug/L	U	1.3
MW2	BV87818	SW8260	11/17/16	5	Dibromochloromethane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Dibromomethane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Dichlorodifluoromethane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	20	Ethylbenzene	230	ug/L		5.0
MW2	BV87818	SW8260	11/17/16	5	Hexachlorobutadiene		ug/L	U	1.0
MW2	BV87818	SW8260	11/17/16	5	Isopropylbenzene	22	ug/L		5.0
MW2	BV87818	SW8260	11/17/16	20	m&p-Xylene	720	ug/L		20
MW2	BV87818	SW8260	11/17/16	5	Methyl ethyl ketone		ug/L	U	13
MW2	BV87818	SW8260	11/17/16	5	Methyl t-butyl ether (MTBE)		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Methylene chloride		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Naphthalene	73	ug/L		5.0
MW2	BV87818	SW8260	11/17/16	5	n-Butylbenzene	9.3	ug/L		5.0
MW2	BV87818	SW8260	11/17/16	5	n-Propylbenzene	53	ug/L		5.0
MW2	BV87818	SW8260	11/17/16	20	o-Xylene	210	ug/L		5.0
MW2	BV87818	SW8260	11/17/16	5	p-Isopropyltoluene	2.6	ug/L	J	5.0
MW2	BV87818	SW8260	11/17/16	5	sec-Butylbenzene	6.7	ug/L		5.0
MW2	BV87818	SW8260	11/17/16	5	Styrene		ug/L	U	5.0



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBV87817

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW2	BV87818	SW8260	11/17/16	5	tert-Butylbenzene		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Tetrachloroethene		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Tetrahydrofuran (THF)	29	ug/L	J	25
MW2	BV87818	SW8260	11/17/16	5	Toluene	30	ug/L		5.0
MW2	BV87818	SW8260	11/17/16	5	trans-1,2-Dichloroethene		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	trans-1,3-Dichloropropene		ug/L	U	1.3
MW2	BV87818	SW8260	11/17/16	5	trans-1,4-dichloro-2-butene		ug/L	U	13
MW2	BV87818	SW8260	11/17/16	5	Trichloroethene		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Trichlorofluoromethane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Trichlorotrifluoroethane		ug/L	U	5.0
MW2	BV87818	SW8260	11/17/16	5	Vinyl chloride		ug/L	U	2.0
MW2	BV87818	SW8270	11/17/16	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	1,2,4-Trichlorobenzene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	1,2-Dichlorobenzene		ug/L	U	4.7
MW2	BV87818	SW8270	11/17/16	1	1,2-Diphenylhydrazine		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	1,3-Dichlorobenzene		ug/L	U	3.0
MW2	BV87818	SW8270	11/17/16	1	1,4-Dichlorobenzene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	2,4,5-Trichlorophenol		ug/L	U	2.7
MW2	BV87818	SW8270	11/17/16	1	2,4,6-Trichlorophenol		ug/L	U	1.6
MW2	BV87818	SW8270	11/17/16	1	2,4-Dichlorophenol		ug/L	U	1.8
MW2	BV87818	SW8270	11/17/16	1	2,4-Dimethylphenol	1.6	ug/L		1.2
MW2	BV87818	SW8270	11/17/16	1	2,4-Dinitrophenol		ug/L	U	3.5
MW2	BV87818	SW8270	11/17/16	1	2,4-Dinitrotoluene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	2,6-Dinitrotoluene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	2-Chloronaphthalene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	2-Chlorophenol		ug/L	U	1.4
MW2	BV87818	SW8270	11/17/16	1	2-Methylnaphthalene	11	ug/L		5.0
MW2	BV87818	SW8270	11/17/16	1	2-Methylphenol (o-cresol)		ug/L	U	2.4
MW2	BV87818	SW8270	11/17/16	1	2-Nitroaniline		ug/L	U	5.1
MW2	BV87818	SW8270	11/17/16	1	2-Nitrophenol		ug/L	U	3.2
MW2	BV87818	SW8270	11/17/16	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	3,3'-Dichlorobenzidine		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	3-Nitroaniline		ug/L	U	11
MW2	BV87818	SW8270	11/17/16	1	4,6-Dinitro-2-methylphenol		ug/L	UJ	5.4
MW2	BV87818	SW8270	11/17/16	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	4-Chloro-3-methylphenol		ug/L	U	1.8
MW2	BV87818	SW8270	11/17/16	1	4-Chloroaniline		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	4-Nitroaniline		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	4-Nitrophenol		ug/L	U	2.3



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBV87817

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW2	BV87818	SW8270	11/17/16	1	Acenaphthene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Acenaphthylene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Acetophenone		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Aniline		ug/L	U	15
MW2	BV87818	SW8270	11/17/16	1	Anthracene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Benz(a)anthracene		ug/L	U	1.7
MW2	BV87818	SW8270	11/17/16	1	Benzidine		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Benzo(a)pyrene		ug/L	U	1.6
MW2	BV87818	SW8270	11/17/16	1	Benzo(b)fluoranthene		ug/L	U	1.7
MW2	BV87818	SW8270	11/17/16	1	Benzo(ghi)perylene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Benzo(k)fluoranthene		ug/L	U	1.7
MW2	BV87818	SW8270	11/17/16	1	Benzoic acid		ug/L	U	25
MW2	BV87818	SW8270	11/17/16	1	Benzyl butyl phthalate		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Bis(2-chloroethoxy)methane		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Bis(2-chloroethyl)ether		ug/L	U	1.4
MW2	BV87818	SW8270	11/17/16	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Bis(2-ethylhexyl)phthalate		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Carbazole		ug/L	U	25
MW2	BV87818	SW8270	11/17/16	1	Chrysene		ug/L	U	1.7
MW2	BV87818	SW8270	11/17/16	1	Dibenz(a,h)anthracene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Dibenzofuran		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Diethyl phthalate		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Dimethylphthalate		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Di-n-butylphthalate		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Di-n-octylphthalate		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Fluoranthene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Fluorene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Hexachlorobenzene		ug/L	U	1.5
MW2	BV87818	SW8270	11/17/16	1	Hexachlorobutadiene		ug/L	U	1.8
MW2	BV87818	SW8270	11/17/16	1	Hexachlorocyclopentadiene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Hexachloroethane		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Indeno(1,2,3-cd)pyrene		ug/L	U	1.7
MW2	BV87818	SW8270	11/17/16	1	Isophorone		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Naphthalene	40	ug/L		5.0
MW2	BV87818	SW8270	11/17/16	1	Nitrobenzene		ug/L	U	1.8
MW2	BV87818	SW8270	11/17/16	1	N-Nitrosodimethylamine		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	N-Nitrosodiphenylamine		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Pentachloronitrobenzene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Pentachlorophenol		ug/L	U	1.9



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BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBV87817

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW2	BV87818	SW8270	11/17/16	1	Phenanthrene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Phenol		ug/L	U	1.6
MW2	BV87818	SW8270	11/17/16	1	Pyrene		ug/L	U	5.0
MW2	BV87818	SW8270	11/17/16	1	Pyridine		ug/L	U	5.0
MW3	BV87819	7010	11/17/16	1	Antimony		mg/L	UJ	0.002
MW3	BV87819	7010	11/17/16	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW3	BV87819	7010	11/17/16	1	Selenium		mg/L	U	0.002
MW3	BV87819	7010	11/17/16	1	Selenium, (Dissolved)		mg/L	U	0.004
MW3	BV87819	7010	11/17/16	1	Thallium - LDL		mg/L	UJ	0.0005
MW3	BV87819	7010	11/17/16	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
MW3	BV87819	SW6010	11/17/16	1	Aluminum	9.91	mg/L	J	0.010
MW3	BV87819	SW6010	11/17/16	1	Aluminum (Dissolved)		mg/L	U	0.011
MW3	BV87819	SW6010	11/17/16	1	Arsenic - LDL		mg/L	U	0.004
MW3	BV87819	SW6010	11/17/16	1	Arsenic, (Dissolved)		mg/L	U	0.003
MW3	BV87819	SW6010	11/17/16	1	Barium	0.292	mg/L		0.010
MW3	BV87819	SW6010	11/17/16	1	Barium (Dissolved)	0.181	mg/L		0.011
MW3	BV87819	SW6010	11/17/16	1	Beryllium		mg/L	U	0.001
MW3	BV87819	SW6010	11/17/16	1	Beryllium (Dissolved)		mg/L	U	0.001
MW3	BV87819	SW6010	11/17/16	1	Cadmium	0.001	mg/L	J	0.004
MW3	BV87819	SW6010	11/17/16	1	Cadmium (Dissolved)		mg/L	U	0.004
MW3	BV87819	SW6010	11/17/16	1	Calcium	110	mg/L	J	0.010
MW3	BV87819	SW6010	11/17/16	1	Calcium (Dissolved)	96.9	mg/L	J	0.01
MW3	BV87819	SW6010	11/17/16	1	Chromium	0.027	mg/L		0.001
MW3	BV87819	SW6010	11/17/16	1	Chromium (Dissolved)		mg/L	U	0.001
MW3	BV87819	SW6010	11/17/16	1	Cobalt	0.012	mg/L		0.005
MW3	BV87819	SW6010	11/17/16	1	Cobalt, (Dissolved)	0.002	mg/L	J	0.005
MW3	BV87819	SW6010	11/17/16	1	Copper	0.029	mg/L	U	0.005
MW3	BV87819	SW6010	11/17/16	1	Copper, (Dissolved)	0.001	mg/L	U	0.005
MW3	BV87819	SW6010	11/17/16	1	Iron	30.4	mg/L	J	0.01
MW3	BV87819	SW6010	11/17/16	1	Iron, (Dissolved)		mg/L	U	0.01
MW3	BV87819	SW6010	11/17/16	1	Lead	0.011	mg/L		0.002
MW3	BV87819	SW6010	11/17/16	1	Lead (Dissolved)	0.003	mg/L		0.002
MW3	BV87819	SW6010	11/17/16	1	Magnesium	20.7	mg/L	J	0.010
MW3	BV87819	SW6010	11/17/16	1	Magnesium (Dissolved)	16.2	mg/L		0.01
MW3	BV87819	SW6010	11/17/16	10	Manganese	6.36	mg/L		0.050
MW3	BV87819	SW6010	11/17/16	10	Manganese, (Dissolved)	5.54	mg/L		0.053
MW3	BV87819	SW6010	11/17/16	1	Nickel	0.017	mg/L		0.004
MW3	BV87819	SW6010	11/17/16	1	Nickel, (Dissolved)	0.002	mg/L	J	0.004
MW3	BV87819	SW6010	11/17/16	1	Potassium	17.1	mg/L	J	0.1
MW3	BV87819	SW6010	11/17/16	1	Potassium (Dissolved)	13.4	mg/L	J	0.1



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BV87819	SW6010	11/17/16	1	Silver		mg/L	U	0.005
MW3	BV87819	SW6010	11/17/16	1	Silver (Dissolved)		mg/L	U	0.005
MW3	BV87819	SW6010	11/17/16	10	Sodium	350	mg/L		1.0
MW3	BV87819	SW6010	11/17/16	10	Sodium (Dissolved)	343	mg/L		1.1
MW3	BV87819	SW6010	11/17/16	1	Vanadium	0.031	mg/L		0.010
MW3	BV87819	SW6010	11/17/16	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW3	BV87819	SW6010	11/17/16	1	Zinc	0.049	mg/L		0.010
MW3	BV87819	SW6010	11/17/16	1	Zinc, (Dissolved)		mg/L	U	0.011
MW3	BV87819	SW7470	11/17/16	1	Mercury		mg/L	U	0.0002
MW3	BV87819	SW7470	11/17/16	1	Mercury (Dissolved)		mg/L	U	0.0002
MW3	BV87819	SW8081	11/17/16	1	4,4' -DDD		ug/L	U	0.006
MW3	BV87819	SW8081	11/17/16	1	4,4' -DDE		ug/L	UJ	0.006
MW3	BV87819	SW8081	11/17/16	1	4,4' -DDT		ug/L	UJ	0.006
MW3	BV87819	SW8081	11/17/16	1	a-BHC		ug/L	UJ	0.010
MW3	BV87819	SW8081	11/17/16	1	a-chlordane		ug/L	UJ	0.011
MW3	BV87819	SW8081	11/17/16	1	Alachlor		ug/L	U	0.082
MW3	BV87819	SW8081	11/17/16	1	Aldrin		ug/L	UJ	0.002
MW3	BV87819	SW8081	11/17/16	1	b-BHC		ug/L	UJ	0.030
MW3	BV87819	SW8081	11/17/16	1	Chlordane		ug/L	U	0.055
MW3	BV87819	SW8081	11/17/16	1	d-BHC		ug/L	U	0.006
MW3	BV87819	SW8081	11/17/16	1	Dieldrin		ug/L	U	0.002
MW3	BV87819	SW8081	11/17/16	1	Endosulfan I		ug/L	UJ	0.011
MW3	BV87819	SW8081	11/17/16	1	Endosulfan II		ug/L	UJ	0.011
MW3	BV87819	SW8081	11/17/16	1	Endosulfan Sulfate		ug/L	U	0.011
MW3	BV87819	SW8081	11/17/16	1	Endrin		ug/L	U	0.006
MW3	BV87819	SW8081	11/17/16	1	Endrin Aldehyde		ug/L	UJ	0.011
MW3	BV87819	SW8081	11/17/16	1	Endrin ketone		ug/L	UJ	0.011
MW3	BV87819	SW8081	11/17/16	1	g-BHC (Lindane)		ug/L	UJ	0.006
MW3	BV87819	SW8081	11/17/16	1	g-chlordane		ug/L	UJ	0.011
MW3	BV87819	SW8081	11/17/16	1	Heptachlor		ug/L	U	0.006
MW3	BV87819	SW8081	11/17/16	1	Heptachlor epoxide		ug/L	UJ	0.006
MW3	BV87819	SW8081	11/17/16	1	Methoxychlor		ug/L	UJ	0.11
MW3	BV87819	SW8081	11/17/16	1	Toxaphene		ug/L	U	0.22
MW3	BV87819	SW8082	11/17/16	1	PCB-1016		ug/L	U	0.055
MW3	BV87819	SW8082	11/17/16	1	PCB-1221		ug/L	U	0.055
MW3	BV87819	SW8082	11/17/16	1	PCB-1232		ug/L	U	0.055
MW3	BV87819	SW8082	11/17/16	1	PCB-1242		ug/L	U	0.055
MW3	BV87819	SW8082	11/17/16	1	PCB-1248		ug/L	U	0.055
MW3	BV87819	SW8082	11/17/16	1	PCB-1254		ug/L	U	0.055
MW3	BV87819	SW8082	11/17/16	1	PCB-1260		ug/L	U	0.055



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BV87819	SW8082	11/17/16	1	PCB-1262		ug/L	U	0.055
MW3	BV87819	SW8082	11/17/16	1	PCB-1268		ug/L	U	0.055
MW3	BV87819	SW8260	11/17/16	20	1,1,1,2-Tetrachloroethane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	1,1,1-Trichloroethane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	1,1,2,2-Tetrachloroethane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	1,1,2-Trichloroethane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	1,1-Dichloroethane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	1,1-Dichloroethene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	1,1-Dichloropropene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	1,2,3-Trichlorobenzene		ug/L	U	20
MW3	BV87819	SW8260	11/17/16	20	1,2,3-Trichloropropane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	1,2,4-Trichlorobenzene		ug/L	U	20
MW3	BV87819	SW8260	11/17/16	50	1,2,4-Trimethylbenzene	730	ug/L		13
MW3	BV87819	SW8260	11/17/16	20	1,2-Dibromo-3-chloropropane		ug/L	UJ	10
MW3	BV87819	SW8260	11/17/16	20	1,2-Dibromoethane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	1,2-Dichlorobenzene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	1,2-Dichloroethane		ug/L	U	10
MW3	BV87819	SW8260	11/17/16	20	1,2-Dichloropropane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	1,3,5-Trimethylbenzene	280	ug/L		5.0
MW3	BV87819	SW8260	11/17/16	20	1,3-Dichlorobenzene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	1,3-Dichloropropane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	1,4-Dichlorobenzene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	2,2-Dichloropropane		ug/L	UJ	5.0
MW3	BV87819	SW8260	11/17/16	20	2-Chlorotoluene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	2-Hexanone		ug/L	U	50
MW3	BV87819	SW8260	11/17/16	20	2-Isopropyltoluene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	4-Chlorotoluene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	4-Methyl-2-pentanone		ug/L	U	50
MW3	BV87819	SW8260	11/17/16	20	Acetone		ug/L	UJ	50
MW3	BV87819	SW8260	11/17/16	20	Acrolein		ug/L	UJ	50
MW3	BV87819	SW8260	11/17/16	20	Acrylonitrile		ug/L	UJ	50
MW3	BV87819	SW8260	11/17/16	20	Benzene	170	ug/L		5.0
MW3	BV87819	SW8260	11/17/16	20	Bromobenzene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	Bromochloromethane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	Bromodichloromethane		ug/L	U	20
MW3	BV87819	SW8260	11/17/16	20	Bromoform		ug/L	U	50
MW3	BV87819	SW8260	11/17/16	20	Bromomethane		ug/L	UJ	5.0
MW3	BV87819	SW8260	11/17/16	20	Carbon Disulfide		ug/L	U	20
MW3	BV87819	SW8260	11/17/16	20	Carbon tetrachloride		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	Chlorobenzene		ug/L	U	5.0



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BROOKLYN, NY
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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BV87819	SW8260	11/17/16	20	Chloroethane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	Chloroform		ug/L	U	7.0
MW3	BV87819	SW8260	11/17/16	20	Chloromethane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	cis-1,2-Dichloroethene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	cis-1,3-Dichloropropene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	Dibromochloromethane		ug/L	U	20
MW3	BV87819	SW8260	11/17/16	20	Dibromomethane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	Dichlorodifluoromethane		ug/L	UJ	5.0
MW3	BV87819	SW8260	11/17/16	20	Ethylbenzene	570	ug/L		5.0
MW3	BV87819	SW8260	11/17/16	20	Hexachlorobutadiene		ug/L	U	4.0
MW3	BV87819	SW8260	11/17/16	20	Isopropylbenzene	79	ug/L		5.0
MW3	BV87819	SW8260	11/17/16	20	m&p-Xylene	540	ug/L		20
MW3	BV87819	SW8260	11/17/16	20	Methyl ethyl ketone		ug/L	U	50
MW3	BV87819	SW8260	11/17/16	20	Methyl t-butyl ether (MTBE)		ug/L	U	20
MW3	BV87819	SW8260	11/17/16	20	Methylene chloride		ug/L	U	20
MW3	BV87819	SW8260	11/17/16	20	Naphthalene	190	ug/L		20
MW3	BV87819	SW8260	11/17/16	20	n-Butylbenzene	20	ug/L		5.0
MW3	BV87819	SW8260	11/17/16	20	n-Propylbenzene	200	ug/L		5.0
MW3	BV87819	SW8260	11/17/16	20	o-Xylene	130	ug/L		5.0
MW3	BV87819	SW8260	11/17/16	20	p-Isopropyltoluene	5.2	ug/L		5.0
MW3	BV87819	SW8260	11/17/16	20	sec-Butylbenzene	13	ug/L		5.0
MW3	BV87819	SW8260	11/17/16	20	Styrene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	tert-Butylbenzene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	Tetrachloroethene	5.4	ug/L		5.0
MW3	BV87819	SW8260	11/17/16	20	Tetrahydrofuran (THF)		ug/L	UJ	50
MW3	BV87819	SW8260	11/17/16	20	Toluene	91	ug/L		5.0
MW3	BV87819	SW8260	11/17/16	20	trans-1,2-Dichloroethene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	trans-1,3-Dichloropropene		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	trans-1,4-dichloro-2-butene		ug/L	U	50
MW3	BV87819	SW8260	11/17/16	20	Trichloroethene	6.6	ug/L		5.0
MW3	BV87819	SW8260	11/17/16	20	Trichlorofluoromethane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	Trichlorotrifluoroethane		ug/L	U	5.0
MW3	BV87819	SW8260	11/17/16	20	Vinyl chloride		ug/L	U	5.0
MW3	BV87819	SW8270	11/17/16	5	1,2,4,5-Tetrachlorobenzene		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	1,2,4-Trichlorobenzene		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	1,2-Dichlorobenzene		ug/L	U	7.4
MW3	BV87819	SW8270	11/17/16	5	1,2-Diphenylhydrazine		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	1,3-Dichlorobenzene		ug/L	U	7.8
MW3	BV87819	SW8270	11/17/16	5	1,4-Dichlorobenzene		ug/L	U	7.8
MW3	BV87819	SW8270	11/17/16	5	2,4,5-Trichlorophenol		ug/L	U	14



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BROOKLYN, NY
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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BV87819	SW8270	11/17/16	5	2,4,6-Trichlorophenol		ug/L	U	8.4
MW3	BV87819	SW8270	11/17/16	5	2,4-Dichlorophenol		ug/L	U	9.3
MW3	BV87819	SW8270	11/17/16	5	2,4-Dimethylphenol		ug/L	U	6.5
MW3	BV87819	SW8270	11/17/16	5	2,4-Dinitrophenol		ug/L	U	18
MW3	BV87819	SW8270	11/17/16	5	2,4-Dinitrotoluene		ug/L	U	10
MW3	BV87819	SW8270	11/17/16	5	2,6-Dinitrotoluene		ug/L	U	8.3
MW3	BV87819	SW8270	11/17/16	5	2-Chloronaphthalene		ug/L	U	10
MW3	BV87819	SW8270	11/17/16	5	2-Chlorophenol		ug/L	U	7.5
MW3	BV87819	SW8270	11/17/16	5	2-Methylnaphthalene	15	ug/L	J	26
MW3	BV87819	SW8270	11/17/16	5	2-Methylphenol (o-cresol)		ug/L	U	12
MW3	BV87819	SW8270	11/17/16	5	2-Nitroaniline		ug/L	U	27
MW3	BV87819	SW8270	11/17/16	5	2-Nitrophenol		ug/L	U	17
MW3	BV87819	SW8270	11/17/16	5	3&4-Methylphenol (m&p-cresol)		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	3,3'-Dichlorobenzidine		ug/L	U	12
MW3	BV87819	SW8270	11/17/16	5	3-Nitroaniline		ug/L	U	57
MW3	BV87819	SW8270	11/17/16	5	4,6-Dinitro-2-methylphenol		ug/L	UJ	28
MW3	BV87819	SW8270	11/17/16	5	4-Bromophenyl phenyl ether		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	4-Chloro-3-methylphenol		ug/L	U	9.3
MW3	BV87819	SW8270	11/17/16	5	4-Chloroaniline		ug/L	U	12
MW3	BV87819	SW8270	11/17/16	5	4-Chlorophenyl phenyl ether		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	4-Nitroaniline		ug/L	U	8.8
MW3	BV87819	SW8270	11/17/16	5	4-Nitrophenol		ug/L	U	12
MW3	BV87819	SW8270	11/17/16	5	Acenaphthene		ug/L	U	20
MW3	BV87819	SW8270	11/17/16	5	Acenaphthylene		ug/L	U	20
MW3	BV87819	SW8270	11/17/16	5	Acetophenone		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Aniline		ug/L	U	79
MW3	BV87819	SW8270	11/17/16	5	Anthracene		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Benz(a)anthracene		ug/L	U	8.8
MW3	BV87819	SW8270	11/17/16	5	Benzidine		ug/L	U	15
MW3	BV87819	SW8270	11/17/16	5	Benzo(a)pyrene		ug/L	U	8.6
MW3	BV87819	SW8270	11/17/16	5	Benzo(b)fluoranthene		ug/L	U	9.0
MW3	BV87819	SW8270	11/17/16	5	Benzo(ghi)perylene		ug/L	U	8.5
MW3	BV87819	SW8270	11/17/16	5	Benzo(k)fluoranthene		ug/L	U	8.7
MW3	BV87819	SW8270	11/17/16	5	Benzoic acid		ug/L	U	53
MW3	BV87819	SW8270	11/17/16	5	Benzyl butyl phthalate		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Bis(2-chloroethoxy)methane		ug/L	U	7.3
MW3	BV87819	SW8270	11/17/16	5	Bis(2-chloroethyl)ether		ug/L	U	7.1
MW3	BV87819	SW8270	11/17/16	5	Bis(2-chloroisopropyl)ether		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Bis(2-ethylhexyl)phthalate		ug/L	U	7.6
MW3	BV87819	SW8270	11/17/16	5	Carbazole		ug/L	U	130



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AQUEOUS
SDG: GBV87817

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BV87819	SW8270	11/17/16	5	Chrysene		ug/L	U	8.8
MW3	BV87819	SW8270	11/17/16	5	Dibenz(a,h)anthracene		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Dibenzofuran		ug/L	U	7.7
MW3	BV87819	SW8270	11/17/16	5	Diethyl phthalate		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Dimethylphthalate		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Di-n-butylphthalate		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Di-n-octylphthalate		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Fluoranthene		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Fluorene		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Hexachlorobenzene		ug/L	U	7.7
MW3	BV87819	SW8270	11/17/16	5	Hexachlorobutadiene		ug/L	U	9.5
MW3	BV87819	SW8270	11/17/16	5	Hexachlorocyclopentadiene		ug/L	U	8.1
MW3	BV87819	SW8270	11/17/16	5	Hexachloroethane		ug/L	U	7.9
MW3	BV87819	SW8270	11/17/16	5	Indeno(1,2,3-cd)pyrene		ug/L	U	8.7
MW3	BV87819	SW8270	11/17/16	5	Isophorone		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Naphthalene	130	ug/L		7.6
MW3	BV87819	SW8270	11/17/16	5	Nitrobenzene		ug/L	U	9.2
MW3	BV87819	SW8270	11/17/16	5	N-Nitrosodimethylamine		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	N-Nitrosodi-n-propylamine		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	N-Nitrosodiphenylamine		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Pentachloronitrobenzene		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Pentachlorophenol		ug/L	U	9.9
MW3	BV87819	SW8270	11/17/16	5	Phenanthrene		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Phenol		ug/L	U	8.4
MW3	BV87819	SW8270	11/17/16	5	Pyrene		ug/L	U	26
MW3	BV87819	SW8270	11/17/16	5	Pyridine		ug/L	U	26
MW4	BV87820	7010	11/17/16	1	Antimony		mg/L	U	0.002
MW4	BV87820	7010	11/17/16	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW4	BV87820	7010	11/17/16	1	Selenium		mg/L	U	0.002
MW4	BV87820	7010	11/17/16	1	Selenium, (Dissolved)		mg/L	U	0.004
MW4	BV87820	7010	11/17/16	1	Thallium - LDL		mg/L	U	0.0005
MW4	BV87820	7010	11/17/16	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
MW4	BV87820	SW6010	11/17/16	10	Aluminum	32.7	mg/L	J	0.10
MW4	BV87820	SW6010	11/17/16	1	Aluminum (Dissolved)		mg/L	U	0.011
MW4	BV87820	SW6010	11/17/16	1	Arsenic - LDL	0.012	mg/L		0.004
MW4	BV87820	SW6010	11/17/16	1	Arsenic, (Dissolved)		mg/L	U	0.003
MW4	BV87820	SW6010	11/17/16	1	Barium	0.507	mg/L		0.010
MW4	BV87820	SW6010	11/17/16	1	Barium (Dissolved)	0.205	mg/L		0.011
MW4	BV87820	SW6010	11/17/16	1	Beryllium	0.002	mg/L		0.001
MW4	BV87820	SW6010	11/17/16	1	Beryllium (Dissolved)		mg/L	U	0.001



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BROOKLYN, NY
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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW4	BV87820	SW6010	11/17/16	1	Cadmium	0.003	mg/L	J	0.004
MW4	BV87820	SW6010	11/17/16	1	Cadmium (Dissolved)		mg/L	U	0.004
MW4	BV87820	SW6010	11/17/16	1	Calcium	118	mg/L	J	0.010
MW4	BV87820	SW6010	11/17/16	1	Calcium (Dissolved)	105	mg/L	J	0.01
MW4	BV87820	SW6010	11/17/16	1	Chromium	0.097	mg/L		0.001
MW4	BV87820	SW6010	11/17/16	1	Chromium (Dissolved)		mg/L	U	0.001
MW4	BV87820	SW6010	11/17/16	1	Cobalt	0.041	mg/L		0.005
MW4	BV87820	SW6010	11/17/16	1	Cobalt, (Dissolved)	0.011	mg/L		0.005
MW4	BV87820	SW6010	11/17/16	1	Copper	0.069	mg/L	U	0.005
MW4	BV87820	SW6010	11/17/16	1	Copper, (Dissolved)		mg/L	U	0.005
MW4	BV87820	SW6010	11/17/16	10	Iron	133	mg/L		0.10
MW4	BV87820	SW6010	11/17/16	1	Iron, (Dissolved)	8.95	mg/L		0.01
MW4	BV87820	SW6010	11/17/16	1	Lead	0.021	mg/L		0.002
MW4	BV87820	SW6010	11/17/16	1	Lead (Dissolved)	0.002	mg/L	J	0.002
MW4	BV87820	SW6010	11/17/16	1	Magnesium	37.8	mg/L	J	0.010
MW4	BV87820	SW6010	11/17/16	1	Magnesium (Dissolved)	27.9	mg/L		0.01
MW4	BV87820	SW6010	11/17/16	10	Manganese	12.1	mg/L		0.050
MW4	BV87820	SW6010	11/17/16	10	Manganese, (Dissolved)	9.87	mg/L		0.053
MW4	BV87820	SW6010	11/17/16	1	Nickel	0.069	mg/L		0.004
MW4	BV87820	SW6010	11/17/16	1	Nickel, (Dissolved)	0.005	mg/L		0.004
MW4	BV87820	SW6010	11/17/16	1	Potassium	17.5	mg/L	J	0.1
MW4	BV87820	SW6010	11/17/16	1	Potassium (Dissolved)	10.8	mg/L	J	0.1
MW4	BV87820	SW6010	11/17/16	1	Silver		mg/L	U	0.005
MW4	BV87820	SW6010	11/17/16	1	Silver (Dissolved)		mg/L	U	0.005
MW4	BV87820	SW6010	11/17/16	10	Sodium	148	mg/L	J	1.0
MW4	BV87820	SW6010	11/17/16	10	Sodium (Dissolved)	145	mg/L		1.1
MW4	BV87820	SW6010	11/17/16	1	Vanadium	0.088	mg/L		0.010
MW4	BV87820	SW6010	11/17/16	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW4	BV87820	SW6010	11/17/16	1	Zinc	0.118	mg/L		0.010
MW4	BV87820	SW6010	11/17/16	1	Zinc, (Dissolved)	0.002	mg/L	J	0.011
MW4	BV87820	SW7470	11/17/16	1	Mercury		mg/L	U	0.0002
MW4	BV87820	SW7470	11/17/16	1	Mercury (Dissolved)		mg/L	U	0.0002
MW4	BV87820	SW8081	11/17/16	1	4,4' -DDD		ug/L	U	0.005
MW4	BV87820	SW8081	11/17/16	1	4,4' -DDE		ug/L	U	0.005
MW4	BV87820	SW8081	11/17/16	1	4,4' -DDT		ug/L	U	0.005
MW4	BV87820	SW8081	11/17/16	1	a-BHC		ug/L	U	0.005
MW4	BV87820	SW8081	11/17/16	1	a-chlordane		ug/L	U	0.010
MW4	BV87820	SW8081	11/17/16	1	Alachlor		ug/L	U	0.075
MW4	BV87820	SW8081	11/17/16	1	Aldrin		ug/L	U	0.010
MW4	BV87820	SW8081	11/17/16	1	b-BHC		ug/L	U	0.005



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW4	BV87820	SW8081	11/17/16	1	Chlordane		ug/L	U	0.050
MW4	BV87820	SW8081	11/17/16	1	d-BHC		ug/L	U	0.005
MW4	BV87820	SW8081	11/17/16	1	Dieldrin		ug/L	U	0.002
MW4	BV87820	SW8081	11/17/16	1	Endosulfan I		ug/L	U	0.010
MW4	BV87820	SW8081	11/17/16	1	Endosulfan II		ug/L	U	0.010
MW4	BV87820	SW8081	11/17/16	1	Endosulfan Sulfate		ug/L	U	0.010
MW4	BV87820	SW8081	11/17/16	1	Endrin		ug/L	U	0.010
MW4	BV87820	SW8081	11/17/16	1	Endrin Aldehyde		ug/L	U	0.010
MW4	BV87820	SW8081	11/17/16	1	Endrin ketone		ug/L	U	0.010
MW4	BV87820	SW8081	11/17/16	1	g-BHC (Lindane)		ug/L	U	0.005
MW4	BV87820	SW8081	11/17/16	1	g-chlordane		ug/L	U	0.010
MW4	BV87820	SW8081	11/17/16	1	Heptachlor		ug/L	U	0.010
MW4	BV87820	SW8081	11/17/16	1	Heptachlor epoxide		ug/L	U	0.010
MW4	BV87820	SW8081	11/17/16	1	Methoxychlor		ug/L	U	0.10
MW4	BV87820	SW8081	11/17/16	1	Toxaphene		ug/L	U	0.20
MW4	BV87820	SW8082	11/17/16	1	PCB-1016		ug/L	U	0.050
MW4	BV87820	SW8082	11/17/16	1	PCB-1221		ug/L	U	0.050
MW4	BV87820	SW8082	11/17/16	1	PCB-1232		ug/L	U	0.050
MW4	BV87820	SW8082	11/17/16	1	PCB-1242		ug/L	U	0.050
MW4	BV87820	SW8082	11/17/16	1	PCB-1248		ug/L	U	0.050
MW4	BV87820	SW8082	11/17/16	1	PCB-1254		ug/L	U	0.050
MW4	BV87820	SW8082	11/17/16	1	PCB-1260		ug/L	U	0.050
MW4	BV87820	SW8082	11/17/16	1	PCB-1262		ug/L	U	0.050
MW4	BV87820	SW8082	11/17/16	1	PCB-1268		ug/L	U	0.050
MW4	BV87820	SW8260	11/17/16	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW4	BV87820	SW8260	11/17/16	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	1,1-Dichloroethane		ug/L	U	5.0
MW4	BV87820	SW8260	11/17/16	1	1,1-Dichloroethene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	1,1-Dichloropropene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	1,2,3-Trichloropropane		ug/L	U	0.25
MW4	BV87820	SW8260	11/17/16	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	0.50
MW4	BV87820	SW8260	11/17/16	1	1,2-Dibromoethane		ug/L	U	0.25
MW4	BV87820	SW8260	11/17/16	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	1,2-Dichloroethane		ug/L	U	0.60
MW4	BV87820	SW8260	11/17/16	1	1,2-Dichloropropane		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW4	BV87820	SW8260	11/17/16	1	1,3,5-Trimethylbenzene	0.61	ug/L	J	1.0
MW4	BV87820	SW8260	11/17/16	1	1,3-Dichlorobenzene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	1,3-Dichloropropane		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	1,4-Dichlorobenzene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	2,2-Dichloropropane		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	2-Chlorotoluene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	2-Hexanone		ug/L	U	2.5
MW4	BV87820	SW8260	11/17/16	1	2-Isopropyltoluene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	4-Chlorotoluene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	4-Methyl-2-pentanone	5.6	ug/L		2.5
MW4	BV87820	SW8260	11/17/16	5	Acetone	46	ug/L	J	25
MW4	BV87820	SW8260	11/17/16	1	Acrolein		ug/L	UJ	5.0
MW4	BV87820	SW8260	11/17/16	1	Acrylonitrile		ug/L	UJ	5.0
MW4	BV87820	SW8260	11/17/16	1	Benzene	1.7	ug/L		0.70
MW4	BV87820	SW8260	11/17/16	1	Bromobenzene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	Bromochloromethane		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	Bromodichloromethane		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	Bromoform		ug/L	U	5.0
MW4	BV87820	SW8260	11/17/16	1	Bromomethane		ug/L	UJ	5.0
MW4	BV87820	SW8260	11/17/16	1	Carbon Disulfide		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	Carbon tetrachloride		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	Chlorobenzene		ug/L	U	5.0
MW4	BV87820	SW8260	11/17/16	1	Chloroethane		ug/L	U	5.0
MW4	BV87820	SW8260	11/17/16	1	Chloroform		ug/L	U	5.0
MW4	BV87820	SW8260	11/17/16	1	Chloromethane		ug/L	U	5.0
MW4	BV87820	SW8260	11/17/16	1	cis-1,2-Dichloroethene	0.42	ug/L	J	1.0
MW4	BV87820	SW8260	11/17/16	1	cis-1,3-Dichloropropene		ug/L	U	0.40
MW4	BV87820	SW8260	11/17/16	1	Dibromochloromethane		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	Dibromomethane		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	Dichlorodifluoromethane		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	Ethylbenzene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	Hexachlorobutadiene		ug/L	U	0.50
MW4	BV87820	SW8260	11/17/16	1	Isopropylbenzene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	m&p-Xylene	0.34	ug/L	J	1.0
MW4	BV87820	SW8260	11/17/16	1	Methyl ethyl ketone	26	ug/L		2.5
MW4	BV87820	SW8260	11/17/16	1	Methyl t-butyl ether (MTBE)	0.64	ug/L	J	1.0
MW4	BV87820	SW8260	11/17/16	1	Methylene chloride		ug/L	U	3.0
MW4	BV87820	SW8260	11/17/16	1	Naphthalene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	n-Butylbenzene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	n-Propylbenzene		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW4	BV87820	SW8260	11/17/16	1	o-Xylene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	p-Isopropyltoluene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	sec-Butylbenzene	0.25	ug/L	J	1.0
MW4	BV87820	SW8260	11/17/16	1	Styrene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	tert-Butylbenzene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	Tetrachloroethene		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	Tetrahydrofuran (THF)		ug/L	UJ	5.0
MW4	BV87820	SW8260	11/17/16	1	Toluene	0.79	ug/L	J	1.0
MW4	BV87820	SW8260	11/17/16	1	trans-1,2-Dichloroethene		ug/L	U	5.0
MW4	BV87820	SW8260	11/17/16	1	trans-1,3-Dichloropropene		ug/L	U	0.40
MW4	BV87820	SW8260	11/17/16	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5
MW4	BV87820	SW8260	11/17/16	1	Trichloroethene	0.26	ug/L	J	1.0
MW4	BV87820	SW8260	11/17/16	1	Trichlorofluoromethane		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW4	BV87820	SW8260	11/17/16	1	Vinyl chloride		ug/L	U	1.0
MW4	BV87820	SW8270	11/17/16	20	1,2,4,5-Tetrachlorobenzene		ug/L	U	110
MW4	BV87820	SW8270	11/17/16	20	1,2,4-Trichlorobenzene		ug/L	U	110
MW4	BV87820	SW8270	11/17/16	20	1,2-Dichlorobenzene		ug/L	U	30
MW4	BV87820	SW8270	11/17/16	20	1,2-Diphenylhydrazine		ug/L	U	110
MW4	BV87820	SW8270	11/17/16	20	1,3-Dichlorobenzene		ug/L	U	32
MW4	BV87820	SW8270	11/17/16	20	1,4-Dichlorobenzene		ug/L	U	32
MW4	BV87820	SW8270	11/17/16	20	2,4,5-Trichlorophenol		ug/L	U	59
MW4	BV87820	SW8270	11/17/16	20	2,4,6-Trichlorophenol		ug/L	U	35
MW4	BV87820	SW8270	11/17/16	20	2,4-Dichlorophenol		ug/L	U	38
MW4	BV87820	SW8270	11/17/16	20	2,4-Dimethylphenol		ug/L	U	27
MW4	BV87820	SW8270	11/17/16	20	2,4-Dinitrophenol		ug/L	U	76
MW4	BV87820	SW8270	11/17/16	20	2,4-Dinitrotoluene		ug/L	U	43
MW4	BV87820	SW8270	11/17/16	20	2,6-Dinitrotoluene		ug/L	U	34
MW4	BV87820	SW8270	11/17/16	20	2-Chloronaphthalene		ug/L	U	31
MW4	BV87820	SW8270	11/17/16	20	2-Chlorophenol		ug/L	U	31
MW4	BV87820	SW8270	11/17/16	20	2-Methylnaphthalene		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	2-Methylphenol (o-cresol)		ug/L	U	51
MW4	BV87820	SW8270	11/17/16	20	2-Nitroaniline		ug/L	U	110
MW4	BV87820	SW8270	11/17/16	20	2-Nitrophenol		ug/L	U	69
MW4	BV87820	SW8270	11/17/16	20	3&4-Methylphenol (m&p-cresol)		ug/L	U	110
MW4	BV87820	SW8270	11/17/16	20	3,3'-Dichlorobenzidine		ug/L	U	51
MW4	BV87820	SW8270	11/17/16	20	3-Nitroaniline		ug/L	U	240
MW4	BV87820	SW8270	11/17/16	20	4,6-Dinitro-2-methylphenol		ug/L	UJ	120
MW4	BV87820	SW8270	11/17/16	20	4-Bromophenyl phenyl ether		ug/L	U	110
MW4	BV87820	SW8270	11/17/16	20	4-Chloro-3-methylphenol		ug/L	U	38



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW4	BV87820	SW8270	11/17/16	20	4-Chloroaniline		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	4-Chlorophenyl phenyl ether		ug/L	U	110
MW4	BV87820	SW8270	11/17/16	20	4-Nitroaniline		ug/L	U	36
MW4	BV87820	SW8270	11/17/16	20	4-Nitrophenol		ug/L	U	49
MW4	BV87820	SW8270	11/17/16	20	Acenaphthene		ug/L	U	33
MW4	BV87820	SW8270	11/17/16	20	Acenaphthylene		ug/L	U	30
MW4	BV87820	SW8270	11/17/16	20	Acetophenone		ug/L	U	110
MW4	BV87820	SW8270	11/17/16	20	Aniline		ug/L	U	320
MW4	BV87820	SW8270	11/17/16	20	Anthracene		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	Benz(a)anthracene		ug/L	U	36
MW4	BV87820	SW8270	11/17/16	20	Benzidine		ug/L	U	64
MW4	BV87820	SW8270	11/17/16	20	Benzo(a)pyrene		ug/L	U	35
MW4	BV87820	SW8270	11/17/16	20	Benzo(b)fluoranthene		ug/L	U	37
MW4	BV87820	SW8270	11/17/16	20	Benzo(ghi)perylene		ug/L	U	35
MW4	BV87820	SW8270	11/17/16	20	Benzo(k)fluoranthene		ug/L	U	36
MW4	BV87820	SW8270	11/17/16	20	Benzoic acid	360	ug/L		220
MW4	BV87820	SW8270	11/17/16	20	Benzyl butyl phthalate		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	Bis(2-chloroethoxy)methane		ug/L	U	30
MW4	BV87820	SW8270	11/17/16	20	Bis(2-chloroethyl)ether		ug/L	U	29
MW4	BV87820	SW8270	11/17/16	20	Bis(2-chloroisopropyl)ether		ug/L	U	110
MW4	BV87820	SW8270	11/17/16	20	Bis(2-ethylhexyl)phthalate		ug/L	U	31
MW4	BV87820	SW8270	11/17/16	20	Carbazole		ug/L	U	540
MW4	BV87820	SW8270	11/17/16	20	Chrysene		ug/L	U	36
MW4	BV87820	SW8270	11/17/16	20	Dibenz(a,h)anthracene		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	Dibenzofuran		ug/L	U	32
MW4	BV87820	SW8270	11/17/16	20	Diethyl phthalate		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	Dimethylphthalate		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	Di-n-butylphthalate		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	Di-n-octylphthalate		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	Fluoranthene		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	Fluorene		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	Hexachlorobenzene		ug/L	U	32
MW4	BV87820	SW8270	11/17/16	20	Hexachlorobutadiene		ug/L	U	39
MW4	BV87820	SW8270	11/17/16	20	Hexachlorocyclopentadiene		ug/L	U	33
MW4	BV87820	SW8270	11/17/16	20	Hexachloroethane		ug/L	U	32
MW4	BV87820	SW8270	11/17/16	20	Indeno(1,2,3-cd)pyrene		ug/L	U	36
MW4	BV87820	SW8270	11/17/16	20	Isophorone		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	Naphthalene		ug/L	U	31
MW4	BV87820	SW8270	11/17/16	20	Nitrobenzene		ug/L	U	38
MW4	BV87820	SW8270	11/17/16	20	N-Nitrosodimethylamine		ug/L	U	110



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW4	BV87820	SW8270	11/17/16	20	N-Nitrosodi-n-propylamine		ug/L	U	110
MW4	BV87820	SW8270	11/17/16	20	N-Nitrosodiphenylamine		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	Pentachloronitrobenzene		ug/L	U	110
MW4	BV87820	SW8270	11/17/16	20	Pentachlorophenol		ug/L	U	41
MW4	BV87820	SW8270	11/17/16	20	Phenanthrene		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	Phenol		ug/L	U	35
MW4	BV87820	SW8270	11/17/16	20	Pyrene		ug/L	U	50
MW4	BV87820	SW8270	11/17/16	20	Pyridine		ug/L	U	50
MW5	BV87821	7010	11/17/16	1	Antimony		mg/L	U	0.002
MW5	BV87821	7010	11/17/16	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW5	BV87821	7010	11/17/16	1	Selenium		mg/L	U	0.002
MW5	BV87821	7010	11/17/16	1	Selenium, (Dissolved)		mg/L	U	0.004
MW5	BV87821	7010	11/17/16	1	Thallium - LDL		mg/L	U	0.0005
MW5	BV87821	7010	11/17/16	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
MW5	BV87821	SW6010	11/17/16	1	Aluminum	1.05	mg/L	J	0.010
MW5	BV87821	SW6010	11/17/16	1	Aluminum (Dissolved)		mg/L	U	0.011
MW5	BV87821	SW6010	11/17/16	1	Arsenic - LDL		mg/L	U	0.004
MW5	BV87821	SW6010	11/17/16	1	Arsenic, (Dissolved)		mg/L	U	0.003
MW5	BV87821	SW6010	11/17/16	1	Barium	0.155	mg/L		0.010
MW5	BV87821	SW6010	11/17/16	1	Barium (Dissolved)	0.085	mg/L		0.011
MW5	BV87821	SW6010	11/17/16	1	Beryllium		mg/L	U	0.001
MW5	BV87821	SW6010	11/17/16	1	Beryllium (Dissolved)		mg/L	U	0.001
MW5	BV87821	SW6010	11/17/16	1	Cadmium	0.001	mg/L	J	0.004
MW5	BV87821	SW6010	11/17/16	1	Cadmium (Dissolved)		mg/L	U	0.004
MW5	BV87821	SW6010	11/17/16	1	Calcium	98.0	mg/L	J	0.010
MW5	BV87821	SW6010	11/17/16	1	Calcium (Dissolved)	87.4	mg/L	J	0.01
MW5	BV87821	SW6010	11/17/16	1	Chromium	0.003	mg/L		0.001
MW5	BV87821	SW6010	11/17/16	1	Chromium (Dissolved)		mg/L	U	0.001
MW5	BV87821	SW6010	11/17/16	1	Cobalt	0.002	mg/L	J	0.005
MW5	BV87821	SW6010	11/17/16	1	Cobalt, (Dissolved)		mg/L	U	0.005
MW5	BV87821	SW6010	11/17/16	1	Copper	0.004	mg/L	U	0.005
MW5	BV87821	SW6010	11/17/16	1	Copper, (Dissolved)		mg/L	U	0.005
MW5	BV87821	SW6010	11/17/16	1	Iron	28.2	mg/L	J	0.01
MW5	BV87821	SW6010	11/17/16	1	Iron, (Dissolved)	0.39	mg/L		0.01
MW5	BV87821	SW6010	11/17/16	1	Lead	0.006	mg/L		0.002
MW5	BV87821	SW6010	11/17/16	1	Lead (Dissolved)		mg/L	U	0.002
MW5	BV87821	SW6010	11/17/16	1	Magnesium	33.5	mg/L	J	0.010
MW5	BV87821	SW6010	11/17/16	1	Magnesium (Dissolved)	30.1	mg/L		0.01
MW5	BV87821	SW6010	11/17/16	10	Manganese	5.19	mg/L		0.050
MW5	BV87821	SW6010	11/17/16	10	Manganese, (Dissolved)	4.56	mg/L		0.053



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BV87821	SW6010	11/17/16	1	Nickel	0.002	mg/L	J	0.004
MW5	BV87821	SW6010	11/17/16	1	Nickel, (Dissolved)		mg/L	U	0.004
MW5	BV87821	SW6010	11/17/16	1	Potassium	4.8	mg/L	J	0.1
MW5	BV87821	SW6010	11/17/16	1	Potassium (Dissolved)	4.3	mg/L	J	0.1
MW5	BV87821	SW6010	11/17/16	1	Silver		mg/L	U	0.005
MW5	BV87821	SW6010	11/17/16	1	Silver (Dissolved)		mg/L	U	0.005
MW5	BV87821	SW6010	11/17/16	10	Sodium	130	mg/L	J	1.0
MW5	BV87821	SW6010	11/17/16	10	Sodium (Dissolved)	128	mg/L		1.1
MW5	BV87821	SW6010	11/17/16	1	Vanadium	0.004	mg/L	J	0.010
MW5	BV87821	SW6010	11/17/16	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW5	BV87821	SW6010	11/17/16	1	Zinc	0.010	mg/L		0.010
MW5	BV87821	SW6010	11/17/16	1	Zinc, (Dissolved)		mg/L	U	0.011
MW5	BV87821	SW7470	11/17/16	1	Mercury		mg/L	U	0.0002
MW5	BV87821	SW7470	11/17/16	1	Mercury (Dissolved)		mg/L	U	0.0002
MW5	BV87821	SW8081	11/17/16	1	4,4' -DDD		ug/L	U	0.005
MW5	BV87821	SW8081	11/17/16	1	4,4' -DDE		ug/L	UJ	0.005
MW5	BV87821	SW8081	11/17/16	1	4,4' -DDT		ug/L	UJ	0.005
MW5	BV87821	SW8081	11/17/16	1	a-BHC		ug/L	UJ	0.005
MW5	BV87821	SW8081	11/17/16	1	a-chlordane		ug/L	UJ	0.010
MW5	BV87821	SW8081	11/17/16	1	Alachlor		ug/L	U	0.077
MW5	BV87821	SW8081	11/17/16	1	Aldrin		ug/L	UJ	0.002
MW5	BV87821	SW8081	11/17/16	1	b-BHC		ug/L	UJ	0.005
MW5	BV87821	SW8081	11/17/16	1	Chlordane		ug/L	U	0.052
MW5	BV87821	SW8081	11/17/16	1	d-BHC		ug/L	U	0.005
MW5	BV87821	SW8081	11/17/16	1	Dieldrin		ug/L	U	0.002
MW5	BV87821	SW8081	11/17/16	1	Endosulfan I		ug/L	UJ	0.010
MW5	BV87821	SW8081	11/17/16	1	Endosulfan II		ug/L	UJ	0.010
MW5	BV87821	SW8081	11/17/16	1	Endosulfan Sulfate		ug/L	U	0.010
MW5	BV87821	SW8081	11/17/16	1	Endrin		ug/L	U	0.005
MW5	BV87821	SW8081	11/17/16	1	Endrin Aldehyde		ug/L	UJ	0.010
MW5	BV87821	SW8081	11/17/16	1	Endrin ketone		ug/L	UJ	0.010
MW5	BV87821	SW8081	11/17/16	1	g-BHC (Lindane)		ug/L	UJ	0.005
MW5	BV87821	SW8081	11/17/16	1	g-chlordane		ug/L	UJ	0.010
MW5	BV87821	SW8081	11/17/16	1	Heptachlor		ug/L	U	0.005
MW5	BV87821	SW8081	11/17/16	1	Heptachlor epoxide		ug/L	UJ	0.005
MW5	BV87821	SW8081	11/17/16	1	Methoxychlor		ug/L	UJ	0.10
MW5	BV87821	SW8081	11/17/16	1	Toxaphene		ug/L	U	0.21
MW5	BV87821	SW8082	11/17/16	1	PCB-1016		ug/L	U	0.052
MW5	BV87821	SW8082	11/17/16	1	PCB-1221		ug/L	U	0.052
MW5	BV87821	SW8082	11/17/16	1	PCB-1232		ug/L	U	0.052



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BV87821	SW8082	11/17/16	1	PCB-1242		ug/L	U	0.052
MW5	BV87821	SW8082	11/17/16	1	PCB-1248		ug/L	U	0.052
MW5	BV87821	SW8082	11/17/16	1	PCB-1254		ug/L	U	0.052
MW5	BV87821	SW8082	11/17/16	1	PCB-1260		ug/L	U	0.052
MW5	BV87821	SW8082	11/17/16	1	PCB-1262		ug/L	U	0.052
MW5	BV87821	SW8082	11/17/16	1	PCB-1268		ug/L	U	0.052
MW5	BV87821	SW8260	11/17/16	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW5	BV87821	SW8260	11/17/16	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	1,1-Dichloroethane	0.53	ug/L	J	5.0
MW5	BV87821	SW8260	11/17/16	1	1,1-Dichloroethene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	1,1-Dichloropropene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	1,2,3-Trichloropropane		ug/L	U	0.25
MW5	BV87821	SW8260	11/17/16	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	1,2,4-Trimethylbenzene	1.3	ug/L		1.0
MW5	BV87821	SW8260	11/17/16	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	0.50
MW5	BV87821	SW8260	11/17/16	1	1,2-Dibromoethane		ug/L	U	0.25
MW5	BV87821	SW8260	11/17/16	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	1,2-Dichloroethane		ug/L	U	0.60
MW5	BV87821	SW8260	11/17/16	1	1,2-Dichloropropane		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	1,3-Dichlorobenzene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	1,3-Dichloropropane		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	1,4-Dichlorobenzene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	2,2-Dichloropropane		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	2-Chlorotoluene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	2-Hexanone		ug/L	U	2.5
MW5	BV87821	SW8260	11/17/16	1	2-Isopropyltoluene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	4-Chlorotoluene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	4-Methyl-2-pentanone		ug/L	U	2.5
MW5	BV87821	SW8260	11/17/16	1	Acetone	4.7	ug/L	J	5.0
MW5	BV87821	SW8260	11/17/16	1	Acrolein		ug/L	UJ	5.0
MW5	BV87821	SW8260	11/17/16	1	Acrylonitrile		ug/L	UJ	5.0
MW5	BV87821	SW8260	11/17/16	1	Benzene	0.73	ug/L		0.70
MW5	BV87821	SW8260	11/17/16	1	Bromobenzene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	Bromochloromethane		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	Bromodichloromethane		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	Bromoform		ug/L	U	5.0



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BV87821	SW8260	11/17/16	1	Bromomethane		ug/L	UJ	5.0
MW5	BV87821	SW8260	11/17/16	1	Carbon Disulfide		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	Carbon tetrachloride		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	Chlorobenzene		ug/L	U	5.0
MW5	BV87821	SW8260	11/17/16	1	Chloroethane		ug/L	U	5.0
MW5	BV87821	SW8260	11/17/16	1	Chloroform		ug/L	U	5.0
MW5	BV87821	SW8260	11/17/16	1	Chloromethane		ug/L	U	5.0
MW5	BV87821	SW8260	11/17/16	1	cis-1,2-Dichloroethene	1.4	ug/L		1.0
MW5	BV87821	SW8260	11/17/16	1	cis-1,3-Dichloropropene		ug/L	U	0.40
MW5	BV87821	SW8260	11/17/16	1	Dibromochloromethane		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	Dibromomethane		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	Dichlorodifluoromethane		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	Ethylbenzene	1.1	ug/L		1.0
MW5	BV87821	SW8260	11/17/16	1	Hexachlorobutadiene		ug/L	U	0.50
MW5	BV87821	SW8260	11/17/16	1	Isopropylbenzene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	m&p-Xylene	3.6	ug/L		1.0
MW5	BV87821	SW8260	11/17/16	1	Methyl ethyl ketone		ug/L	U	2.5
MW5	BV87821	SW8260	11/17/16	1	Methyl t-butyl ether (MTBE)		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	Methylene chloride		ug/L	U	3.0
MW5	BV87821	SW8260	11/17/16	1	Naphthalene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	n-Butylbenzene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	n-Propylbenzene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	o-Xylene	1.1	ug/L		1.0
MW5	BV87821	SW8260	11/17/16	1	p-Isopropyltoluene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	sec-Butylbenzene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	Styrene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	tert-Butylbenzene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	Tetrachloroethene		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	Tetrahydrofuran (THF)		ug/L	UJ	5.0
MW5	BV87821	SW8260	11/17/16	1	Toluene	0.48	ug/L	J	1.0
MW5	BV87821	SW8260	11/17/16	1	trans-1,2-Dichloroethene	0.74	ug/L	J	5.0
MW5	BV87821	SW8260	11/17/16	1	trans-1,3-Dichloropropene		ug/L	U	0.40
MW5	BV87821	SW8260	11/17/16	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5
MW5	BV87821	SW8260	11/17/16	1	Trichloroethene	1.3	ug/L		1.0
MW5	BV87821	SW8260	11/17/16	1	Trichlorofluoromethane		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW5	BV87821	SW8260	11/17/16	1	Vinyl chloride		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	1,2,4-Trichlorobenzene		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	1,2-Diphenylhydrazine		ug/L	U	5.0



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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BV87821	SW8270	11/17/16	1	1,3-Dichlorobenzene		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	1,4-Dichlorobenzene		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	2,4,5-Trichlorophenol		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	2,4,6-Trichlorophenol		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	2,4-Dichlorophenol		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	2,4-Dimethylphenol		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	2,4-Dinitrophenol		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	2,4-Dinitrotoluene		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	2,6-Dinitrotoluene		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	2-Chloronaphthalene		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	2-Chlorophenol		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	2-Methylnaphthalene		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	2-Nitroaniline		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	2-Nitrophenol		ug/L	UJ	1.0
MW5	BV87821	SW8270	11/17/16	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	3,3'-Dichlorobenzidine		ug/L	UJ	5.0
MW5	BV87821	SW8270	11/17/16	1	3-Nitroaniline		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	4,6-Dinitro-2-methylphenol		ug/L	UJ	1.0
MW5	BV87821	SW8270	11/17/16	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	4-Chloro-3-methylphenol		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	4-Chloroaniline		ug/L	U	3.5
MW5	BV87821	SW8270	11/17/16	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	4-Nitroaniline		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	4-Nitrophenol		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	Acenaphthene		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Acetophenone		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Aniline		ug/L	UJ	3.5
MW5	BV87821	SW8270	11/17/16	1	Anthracene		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Benzidine		ug/L	R	4.5
MW5	BV87821	SW8270	11/17/16	1	Benzoic acid		ug/L	UJ	25
MW5	BV87821	SW8270	11/17/16	1	Benzyl butyl phthalate		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Bis(2-chloroethoxy)methane		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Bis(2-chloroethyl)ether		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Carbazole		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Dibenzofuran		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Diethyl phthalate		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Dimethylphthalate		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Di-n-butylphthalate		ug/L	U	5.0



**1181 FLUSHING AVENUE
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BV87821	SW8270	11/17/16	1	Di-n-octylphthalate		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Fluoranthene		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Fluorene		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
MW5	BV87821	SW8270	11/17/16	1	Isophorone		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Naphthalene		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	N-Nitrosodiphenylamine		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Phenol		ug/L	U	1.0
MW5	BV87821	SW8270	11/17/16	1	Pyrene		ug/L	U	5.0
MW5	BV87821	SW8270	11/17/16	1	Pyridine		ug/L	UJ	10
MW5	BV87821	SW8270C-SIM	11/17/16	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
MW5	BV87821	SW8270C-SIM	11/17/16	1	Acenaphthylene		ug/L	U	0.10
MW5	BV87821	SW8270C-SIM	11/17/16	1	Benz(a)anthracene		ug/L	U	0.02
MW5	BV87821	SW8270C-SIM	11/17/16	1	Benzo(a)pyrene		ug/L	U	0.02
MW5	BV87821	SW8270C-SIM	11/17/16	1	Benzo(b)fluoranthene		ug/L	U	0.02
MW5	BV87821	SW8270C-SIM	11/17/16	1	Benzo(ghi)perylene		ug/L	U	0.02
MW5	BV87821	SW8270C-SIM	11/17/16	1	Benzo(k)fluoranthene		ug/L	U	0.02
MW5	BV87821	SW8270C-SIM	11/17/16	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0
MW5	BV87821	SW8270C-SIM	11/17/16	1	Chrysene		ug/L	U	0.02
MW5	BV87821	SW8270C-SIM	11/17/16	1	Dibenz(a,h)anthracene		ug/L	U	0.02
MW5	BV87821	SW8270C-SIM	11/17/16	1	Hexachlorobenzene		ug/L	U	0.02
MW5	BV87821	SW8270C-SIM	11/17/16	1	Hexachlorobutadiene		ug/L	U	0.40
MW5	BV87821	SW8270C-SIM	11/17/16	1	Hexachloroethane		ug/L	U	0.50
MW5	BV87821	SW8270C-SIM	11/17/16	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02
MW5	BV87821	SW8270C-SIM	11/17/16	1	Nitrobenzene		ug/L	U	0.10
MW5	BV87821	SW8270C-SIM	11/17/16	1	N-Nitrosodimethylamine		ug/L	UJ	0.10
MW5	BV87821	SW8270C-SIM	11/17/16	1	Pentachloronitrobenzene		ug/L	U	0.10
MW5	BV87821	SW8270C-SIM	11/17/16	1	Pentachlorophenol		ug/L	UJ	0.80
MW5	BV87821	SW8270C-SIM	11/17/16	1	Phenanthrene		ug/L	U	0.10
MW8	BV87822	7010	11/17/16	1	Antimony		mg/L	UJ	0.002
MW8	BV87822	7010	11/17/16	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW8	BV87822	7010	11/17/16	1	Selenium		mg/L	U	0.002
MW8	BV87822	7010	11/17/16	1	Selenium, (Dissolved)		mg/L	U	0.004
MW8	BV87822	7010	11/17/16	1	Thallium - LDL		mg/L	UJ	0.0005
MW8	BV87822	7010	11/17/16	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
MW8	BV87822	SW6010	11/17/16	1	Aluminum	6.20	mg/L		0.010
MW8	BV87822	SW6010	11/17/16	1	Aluminum (Dissolved)		mg/L	U	0.011
MW8	BV87822	SW6010	11/17/16	1	Arsenic - LDL	0.035	mg/L		0.004
MW8	BV87822	SW6010	11/17/16	1	Arsenic, (Dissolved)	0.014	mg/L		0.003



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW8	BV87822	SW6010	11/17/16	1	Barium	0.450	mg/L		0.010
MW8	BV87822	SW6010	11/17/16	1	Barium (Dissolved)	0.272	mg/L		0.011
MW8	BV87822	SW6010	11/17/16	1	Beryllium		mg/L	U	0.001
MW8	BV87822	SW6010	11/17/16	1	Beryllium (Dissolved)		mg/L	U	0.001
MW8	BV87822	SW6010	11/17/16	1	Cadmium	0.003	mg/L	J	0.004
MW8	BV87822	SW6010	11/17/16	1	Cadmium (Dissolved)	0.002	mg/L	J	0.004
MW8	BV87822	SW6010	11/17/16	10	Calcium	162	mg/L		0.10
MW8	BV87822	SW6010	11/17/16	1	Calcium (Dissolved)	155	mg/L		0.01
MW8	BV87822	SW6010	11/17/16	1	Chromium	0.021	mg/L		0.001
MW8	BV87822	SW6010	11/17/16	1	Chromium (Dissolved)		mg/L	U	0.001
MW8	BV87822	SW6010	11/17/16	1	Cobalt	0.012	mg/L		0.005
MW8	BV87822	SW6010	11/17/16	1	Cobalt, (Dissolved)	0.006	mg/L		0.005
MW8	BV87822	SW6010	11/17/16	1	Copper	0.022	mg/L	U	0.005
MW8	BV87822	SW6010	11/17/16	1	Copper, (Dissolved)		mg/L	U	0.005
MW8	BV87822	SW6010	11/17/16	10	Iron	151	mg/L		0.10
MW8	BV87822	SW6010	11/17/16	1	Iron, (Dissolved)	79.1	mg/L	J+	0.01
MW8	BV87822	SW6010	11/17/16	1	Lead	0.018	mg/L		0.002
MW8	BV87822	SW6010	11/17/16	1	Lead (Dissolved)		mg/L	U	0.002
MW8	BV87822	SW6010	11/17/16	1	Magnesium	28.7	mg/L		0.010
MW8	BV87822	SW6010	11/17/16	1	Magnesium (Dissolved)	26.8	mg/L		0.01
MW8	BV87822	SW6010	11/17/16	10	Manganese	3.87	mg/L		0.050
MW8	BV87822	SW6010	11/17/16	10	Manganese, (Dissolved)	3.14	mg/L		0.053
MW8	BV87822	SW6010	11/17/16	1	Nickel	0.025	mg/L		0.004
MW8	BV87822	SW6010	11/17/16	1	Nickel, (Dissolved)	0.013	mg/L		0.004
MW8	BV87822	SW6010	11/17/16	1	Potassium	25.2	mg/L		0.1
MW8	BV87822	SW6010	11/17/16	10	Potassium (Dissolved)	20.6	mg/L		1.1
MW8	BV87822	SW6010	11/17/16	1	Silver		mg/L	U	0.005
MW8	BV87822	SW6010	11/17/16	1	Silver (Dissolved)		mg/L	U	0.005
MW8	BV87822	SW6010	11/17/16	10	Sodium	151	mg/L	J	1.0
MW8	BV87822	SW6010	11/17/16	10	Sodium (Dissolved)	151	mg/L		1.1
MW8	BV87822	SW6010	11/17/16	1	Vanadium	0.028	mg/L		0.010
MW8	BV87822	SW6010	11/17/16	1	Vanadium, (Dissolved)	0.003	mg/L	J	0.011
MW8	BV87822	SW6010	11/17/16	1	Zinc	0.064	mg/L		0.010
MW8	BV87822	SW6010	11/17/16	1	Zinc, (Dissolved)	0.011	mg/L	J	0.011
MW8	BV87822	SW7470	11/17/16	1	Mercury		mg/L	U	0.0002
MW8	BV87822	SW7470	11/17/16	1	Mercury (Dissolved)		mg/L	U	0.0002
MW8	BV87822	SW8081	11/17/16	1	4,4' -DDD		ug/L	UJ	0.006
MW8	BV87822	SW8081	11/17/16	1	4,4' -DDE		ug/L	UJ	0.006
MW8	BV87822	SW8081	11/17/16	1	4,4' -DDT		ug/L	UJ	0.006
MW8	BV87822	SW8081	11/17/16	1	a-BHC		ug/L	UJ	0.006



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW8	BV87822	SW8081	11/17/16	1	a-chlordane		ug/L	UJ	0.012
MW8	BV87822	SW8081	11/17/16	1	Alachlor		ug/L	UJ	0.089
MW8	BV87822	SW8081	11/17/16	1	Aldrin		ug/L	UJ	0.002
MW8	BV87822	SW8081	11/17/16	1	b-BHC		ug/L	UJ	0.006
MW8	BV87822	SW8081	11/17/16	1	Chlordane		ug/L	UJ	0.060
MW8	BV87822	SW8081	11/17/16	1	d-BHC		ug/L	UJ	0.006
MW8	BV87822	SW8081	11/17/16	1	Dieldrin		ug/L	UJ	0.002
MW8	BV87822	SW8081	11/17/16	1	Endosulfan I		ug/L	UJ	0.012
MW8	BV87822	SW8081	11/17/16	1	Endosulfan II		ug/L	UJ	0.012
MW8	BV87822	SW8081	11/17/16	1	Endosulfan Sulfate		ug/L	UJ	0.012
MW8	BV87822	SW8081	11/17/16	1	Endrin		ug/L	UJ	0.006
MW8	BV87822	SW8081	11/17/16	1	Endrin Aldehyde		ug/L	UJ	0.012
MW8	BV87822	SW8081	11/17/16	1	Endrin ketone		ug/L	UJ	0.012
MW8	BV87822	SW8081	11/17/16	1	g-BHC (Lindane)		ug/L	UJ	0.006
MW8	BV87822	SW8081	11/17/16	1	g-chlordane		ug/L	UJ	0.012
MW8	BV87822	SW8081	11/17/16	1	Heptachlor		ug/L	UJ	0.006
MW8	BV87822	SW8081	11/17/16	1	Heptachlor epoxide		ug/L	UJ	0.006
MW8	BV87822	SW8081	11/17/16	1	Methoxychlor		ug/L	UJ	0.12
MW8	BV87822	SW8081	11/17/16	1	Toxaphene		ug/L	UJ	0.24
MW8	BV87822	SW8082	11/17/16	1	PCB-1016		ug/L	UJ	0.060
MW8	BV87822	SW8082	11/17/16	1	PCB-1221		ug/L	UJ	0.060
MW8	BV87822	SW8082	11/17/16	1	PCB-1232		ug/L	UJ	0.060
MW8	BV87822	SW8082	11/17/16	1	PCB-1242		ug/L	UJ	0.060
MW8	BV87822	SW8082	11/17/16	1	PCB-1248		ug/L	UJ	0.060
MW8	BV87822	SW8082	11/17/16	1	PCB-1254		ug/L	UJ	0.060
MW8	BV87822	SW8082	11/17/16	1	PCB-1260		ug/L	UJ	0.060
MW8	BV87822	SW8082	11/17/16	1	PCB-1262		ug/L	UJ	0.060
MW8	BV87822	SW8082	11/17/16	1	PCB-1268		ug/L	UJ	0.060
MW8	BV87822	SW8260	11/17/16	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW8	BV87822	SW8260	11/17/16	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	1,1-Dichloroethane		ug/L	U	5.0
MW8	BV87822	SW8260	11/17/16	1	1,1-Dichloroethene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	1,1-Dichloropropene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	1,2,3-Trichloropropane		ug/L	U	0.25
MW8	BV87822	SW8260	11/17/16	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	1,2,4-Trimethylbenzene	5.4	ug/L		1.0
MW8	BV87822	SW8260	11/17/16	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	0.50



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW8	BV87822	SW8260	11/17/16	1	1,2-Dibromoethane		ug/L	U	0.25
MW8	BV87822	SW8260	11/17/16	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	1,2-Dichloroethane		ug/L	U	0.60
MW8	BV87822	SW8260	11/17/16	1	1,2-Dichloropropane		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	1,3,5-Trimethylbenzene	1.7	ug/L		1.0
MW8	BV87822	SW8260	11/17/16	1	1,3-Dichlorobenzene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	1,3-Dichloropropane		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	1,4-Dichlorobenzene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	2,2-Dichloropropane		ug/L	UJ	1.0
MW8	BV87822	SW8260	11/17/16	1	2-Chlorotoluene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	2-Hexanone		ug/L	U	2.5
MW8	BV87822	SW8260	11/17/16	1	2-Isopropyltoluene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	4-Chlorotoluene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	4-Methyl-2-pentanone	30	ug/L		2.5
MW8	BV87822	SW8260	11/17/16	10	Acetone	180	ug/L	J	50
MW8	BV87822	SW8260	11/17/16	1	Acrolein		ug/L	UJ	5.0
MW8	BV87822	SW8260	11/17/16	1	Acrylonitrile		ug/L	UJ	5.0
MW8	BV87822	SW8260	11/17/16	1	Benzene	5.5	ug/L		0.70
MW8	BV87822	SW8260	11/17/16	1	Bromobenzene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	Bromochloromethane		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	Bromodichloromethane		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	Bromoform		ug/L	U	5.0
MW8	BV87822	SW8260	11/17/16	1	Bromomethane		ug/L	UJ	5.0
MW8	BV87822	SW8260	11/17/16	1	Carbon Disulfide	0.94	ug/L	J	1.0
MW8	BV87822	SW8260	11/17/16	1	Carbon tetrachloride		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	Chlorobenzene		ug/L	U	5.0
MW8	BV87822	SW8260	11/17/16	1	Chloroethane		ug/L	U	5.0
MW8	BV87822	SW8260	11/17/16	1	Chloroform		ug/L	U	5.0
MW8	BV87822	SW8260	11/17/16	1	Chloromethane		ug/L	U	5.0
MW8	BV87822	SW8260	11/17/16	1	cis-1,2-Dichloroethene	0.55	ug/L	J	1.0
MW8	BV87822	SW8260	11/17/16	1	cis-1,3-Dichloropropene		ug/L	U	0.40
MW8	BV87822	SW8260	11/17/16	1	Dibromochloromethane		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	Dibromomethane		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	Dichlorodifluoromethane		ug/L	UJ	1.0
MW8	BV87822	SW8260	11/17/16	1	Ethylbenzene	4.1	ug/L		1.0
MW8	BV87822	SW8260	11/17/16	1	Hexachlorobutadiene		ug/L	U	0.50
MW8	BV87822	SW8260	11/17/16	1	Isopropylbenzene	0.41	ug/L	J	1.0
MW8	BV87822	SW8260	11/17/16	1	m&p-Xylene	9.7	ug/L		1.0
MW8	BV87822	SW8260	11/17/16	10	Methyl ethyl ketone	130	ug/L		25
MW8	BV87822	SW8260	11/17/16	1	Methyl t-butyl ether (MTBE)	8.8	ug/L		1.0



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW8	BV87822	SW8260	11/17/16	1	Methylene chloride		ug/L	U	3.0
MW8	BV87822	SW8260	11/17/16	1	Naphthalene	2.7	ug/L		1.0
MW8	BV87822	SW8260	11/17/16	1	n-Butylbenzene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	n-Propylbenzene	0.55	ug/L	J	1.0
MW8	BV87822	SW8260	11/17/16	1	o-Xylene	5.5	ug/L		1.0
MW8	BV87822	SW8260	11/17/16	1	p-Isopropyltoluene	0.30	ug/L	J	1.0
MW8	BV87822	SW8260	11/17/16	1	sec-Butylbenzene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	Styrene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	tert-Butylbenzene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	Tetrachloroethene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	Tetrahydrofuran (THF)		ug/L	UJ	5.0
MW8	BV87822	SW8260	11/17/16	1	Toluene	15	ug/L		1.0
MW8	BV87822	SW8260	11/17/16	1	trans-1,2-Dichloroethene		ug/L	U	5.0
MW8	BV87822	SW8260	11/17/16	1	trans-1,3-Dichloropropene		ug/L	U	0.40
MW8	BV87822	SW8260	11/17/16	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5
MW8	BV87822	SW8260	11/17/16	1	Trichloroethene		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	Trichlorofluoromethane		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW8	BV87822	SW8260	11/17/16	1	Vinyl chloride		ug/L	U	1.0
MW8	BV87822	SW8270	11/17/16	20	1,2,4,5-Tetrachlorobenzene		ug/L	U	110
MW8	BV87822	SW8270	11/17/16	20	1,2,4-Trichlorobenzene		ug/L	U	110
MW8	BV87822	SW8270	11/17/16	20	1,2-Dichlorobenzene		ug/L	U	31
MW8	BV87822	SW8270	11/17/16	20	1,2-Diphenylhydrazine		ug/L	U	110
MW8	BV87822	SW8270	11/17/16	20	1,3-Dichlorobenzene		ug/L	U	33
MW8	BV87822	SW8270	11/17/16	20	1,4-Dichlorobenzene		ug/L	U	33
MW8	BV87822	SW8270	11/17/16	20	2,4,5-Trichlorophenol		ug/L	U	61
MW8	BV87822	SW8270	11/17/16	20	2,4,6-Trichlorophenol		ug/L	U	36
MW8	BV87822	SW8270	11/17/16	20	2,4-Dichlorophenol		ug/L	U	39
MW8	BV87822	SW8270	11/17/16	20	2,4-Dimethylphenol		ug/L	U	28
MW8	BV87822	SW8270	11/17/16	20	2,4-Dinitrophenol		ug/L	U	78
MW8	BV87822	SW8270	11/17/16	20	2,4-Dinitrotoluene		ug/L	U	44
MW8	BV87822	SW8270	11/17/16	20	2,6-Dinitrotoluene		ug/L	U	35
MW8	BV87822	SW8270	11/17/16	20	2-Chloronaphthalene		ug/L	U	32
MW8	BV87822	SW8270	11/17/16	20	2-Chlorophenol		ug/L	U	32
MW8	BV87822	SW8270	11/17/16	20	2-Methylnaphthalene		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	2-Methylphenol (o-cresol)		ug/L	U	52
MW8	BV87822	SW8270	11/17/16	20	2-Nitroaniline		ug/L	U	110
MW8	BV87822	SW8270	11/17/16	20	2-Nitrophenol		ug/L	UJ	70
MW8	BV87822	SW8270	11/17/16	20	3&4-Methylphenol (m&p-cresol)	60	ug/L	J	110
MW8	BV87822	SW8270	11/17/16	20	3,3'-Dichlorobenzidine		ug/L	UJ	52



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW8	BV87822	SW8270	11/17/16	20	3-Nitroaniline		ug/L	U	240
MW8	BV87822	SW8270	11/17/16	20	4,6-Dinitro-2-methylphenol		ug/L	UJ	120
MW8	BV87822	SW8270	11/17/16	20	4-Bromophenyl phenyl ether		ug/L	U	110
MW8	BV87822	SW8270	11/17/16	20	4-Chloro-3-methylphenol		ug/L	U	39
MW8	BV87822	SW8270	11/17/16	20	4-Chloroaniline		ug/L	U	52
MW8	BV87822	SW8270	11/17/16	20	4-Chlorophenyl phenyl ether		ug/L	U	110
MW8	BV87822	SW8270	11/17/16	20	4-Nitroaniline		ug/L	U	37
MW8	BV87822	SW8270	11/17/16	20	4-Nitrophenol		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	Acenaphthene		ug/L	U	34
MW8	BV87822	SW8270	11/17/16	20	Acenaphthylene		ug/L	U	31
MW8	BV87822	SW8270	11/17/16	20	Acetophenone		ug/L	U	110
MW8	BV87822	SW8270	11/17/16	20	Aniline		ug/L	UJ	330
MW8	BV87822	SW8270	11/17/16	20	Anthracene		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	Benz(a)anthracene		ug/L	U	37
MW8	BV87822	SW8270	11/17/16	20	Benzidine		ug/L	R	65
MW8	BV87822	SW8270	11/17/16	20	Benzo(a)pyrene		ug/L	U	36
MW8	BV87822	SW8270	11/17/16	20	Benzo(b)fluoranthene		ug/L	U	38
MW8	BV87822	SW8270	11/17/16	20	Benzo(ghi)perylene		ug/L	U	36
MW8	BV87822	SW8270	11/17/16	20	Benzo(k)fluoranthene		ug/L	U	37
MW8	BV87822	SW8270	11/17/16	200	Benzoic acid	3300	ug/L	J	2200
MW8	BV87822	SW8270	11/17/16	20	Benzyl butyl phthalate		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	Bis(2-chloroethoxy)methane		ug/L	U	31
MW8	BV87822	SW8270	11/17/16	20	Bis(2-chloroethyl)ether		ug/L	U	30
MW8	BV87822	SW8270	11/17/16	20	Bis(2-chloroisopropyl)ether		ug/L	U	110
MW8	BV87822	SW8270	11/17/16	20	Bis(2-ethylhexyl)phthalate		ug/L	U	32
MW8	BV87822	SW8270	11/17/16	20	Carbazole		ug/L	U	560
MW8	BV87822	SW8270	11/17/16	20	Chrysene		ug/L	U	37
MW8	BV87822	SW8270	11/17/16	20	Dibenz(a,h)anthracene		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	Dibenzofuran		ug/L	U	32
MW8	BV87822	SW8270	11/17/16	20	Diethyl phthalate		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	Dimethylphthalate		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	Di-n-butylphthalate		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	Di-n-octylphthalate		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	Fluoranthene		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	Fluorene		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	Hexachlorobenzene		ug/L	U	32
MW8	BV87822	SW8270	11/17/16	20	Hexachlorobutadiene		ug/L	U	40
MW8	BV87822	SW8270	11/17/16	20	Hexachlorocyclopentadiene		ug/L	UJ	34
MW8	BV87822	SW8270	11/17/16	20	Hexachloroethane		ug/L	U	33
MW8	BV87822	SW8270	11/17/16	20	Indeno(1,2,3-cd)pyrene		ug/L	U	37



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW8	BV87822	SW8270	11/17/16	20	Isophorone		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	Naphthalene		ug/L	U	32
MW8	BV87822	SW8270	11/17/16	20	Nitrobenzene		ug/L	U	39
MW8	BV87822	SW8270	11/17/16	20	N-Nitrosodimethylamine		ug/L	U	110
MW8	BV87822	SW8270	11/17/16	20	N-Nitrosodi-n-propylamine		ug/L	U	110
MW8	BV87822	SW8270	11/17/16	20	N-Nitrosodiphenylamine		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	Pentachloronitrobenzene		ug/L	U	110
MW8	BV87822	SW8270	11/17/16	20	Pentachlorophenol		ug/L	UJ	42
MW8	BV87822	SW8270	11/17/16	20	Phenanthrene		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	Phenol		ug/L	U	36
MW8	BV87822	SW8270	11/17/16	20	Pyrene		ug/L	U	50
MW8	BV87822	SW8270	11/17/16	20	Pyridine		ug/L	UJ	50
MW14	BV87823	7010	11/17/16	1	Antimony		mg/L	UJ	0.002
MW14	BV87823	7010	11/17/16	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW14	BV87823	7010	11/17/16	1	Selenium		mg/L	U	0.002
MW14	BV87823	7010	11/17/16	1	Selenium, (Dissolved)		mg/L	U	0.004
MW14	BV87823	7010	11/17/16	1	Thallium - LDL		mg/L	UJ	0.0005
MW14	BV87823	7010	11/17/16	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
MW14	BV87823	SW6010	11/17/16	1	Aluminum	1.25	mg/L		0.010
MW14	BV87823	SW6010	11/17/16	1	Aluminum (Dissolved)	0.008	mg/L	J	0.011
MW14	BV87823	SW6010	11/17/16	1	Arsenic - LDL	0.009	mg/L		0.004
MW14	BV87823	SW6010	11/17/16	1	Arsenic, (Dissolved)	0.005	mg/L		0.003
MW14	BV87823	SW6010	11/17/16	1	Barium	0.318	mg/L		0.010
MW14	BV87823	SW6010	11/17/16	1	Barium (Dissolved)	0.203	mg/L		0.011
MW14	BV87823	SW6010	11/17/16	1	Beryllium		mg/L	U	0.001
MW14	BV87823	SW6010	11/17/16	1	Beryllium (Dissolved)		mg/L	U	0.001
MW14	BV87823	SW6010	11/17/16	1	Cadmium	0.004	mg/L	J	0.004
MW14	BV87823	SW6010	11/17/16	1	Cadmium (Dissolved)	0.001	mg/L	J	0.004
MW14	BV87823	SW6010	11/17/16	10	Calcium	211	mg/L		0.10
MW14	BV87823	SW6010	11/17/16	10	Calcium (Dissolved)	196	mg/L		0.11
MW14	BV87823	SW6010	11/17/16	1	Chromium	0.005	mg/L		0.001
MW14	BV87823	SW6010	11/17/16	1	Chromium (Dissolved)		mg/L	U	0.001
MW14	BV87823	SW6010	11/17/16	1	Cobalt	0.002	mg/L	J	0.005
MW14	BV87823	SW6010	11/17/16	1	Cobalt, (Dissolved)		mg/L	U	0.005
MW14	BV87823	SW6010	11/17/16	1	Copper	0.001	mg/L	U	0.005
MW14	BV87823	SW6010	11/17/16	1	Copper, (Dissolved)		mg/L	U	0.005
MW14	BV87823	SW6010	11/17/16	10	Iron	158	mg/L		0.10
MW14	BV87823	SW6010	11/17/16	1	Iron, (Dissolved)	46.9	mg/L	J+	0.01
MW14	BV87823	SW6010	11/17/16	1	Lead	0.009	mg/L		0.002
MW14	BV87823	SW6010	11/17/16	1	Lead (Dissolved)		mg/L	U	0.002



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW14	BV87823	SW6010	11/17/16	1	Magnesium	30.4	mg/L		0.010
MW14	BV87823	SW6010	11/17/16	1	Magnesium (Dissolved)	29.5	mg/L		0.01
MW14	BV87823	SW6010	11/17/16	10	Manganese	14.3	mg/L		0.050
MW14	BV87823	SW6010	11/17/16	10	Manganese, (Dissolved)	13.5	mg/L		0.053
MW14	BV87823	SW6010	11/17/16	1	Nickel	0.004	mg/L		0.004
MW14	BV87823	SW6010	11/17/16	1	Nickel, (Dissolved)		mg/L	U	0.004
MW14	BV87823	SW6010	11/17/16	1	Potassium	17.9	mg/L		0.1
MW14	BV87823	SW6010	11/17/16	10	Potassium (Dissolved)	13.8	mg/L		1.1
MW14	BV87823	SW6010	11/17/16	1	Silver		mg/L	U	0.005
MW14	BV87823	SW6010	11/17/16	1	Silver (Dissolved)		mg/L	U	0.005
MW14	BV87823	SW6010	11/17/16	10	Sodium	279	mg/L	J	1.0
MW14	BV87823	SW6010	11/17/16	10	Sodium (Dissolved)	282	mg/L		1.1
MW14	BV87823	SW6010	11/17/16	1	Vanadium	0.005	mg/L	J	0.010
MW14	BV87823	SW6010	11/17/16	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW14	BV87823	SW6010	11/17/16	1	Zinc	0.026	mg/L		0.010
MW14	BV87823	SW6010	11/17/16	1	Zinc, (Dissolved)	0.007	mg/L	J	0.011
MW14	BV87823	SW7470	11/17/16	1	Mercury		mg/L	U	0.0002
MW14	BV87823	SW7470	11/17/16	1	Mercury (Dissolved)		mg/L	U	0.0002
MW14	BV87823	SW8081	11/17/16	1	4,4' -DDD		ug/L	UJ	0.005
MW14	BV87823	SW8081	11/17/16	1	4,4' -DDE		ug/L	UJ	0.005
MW14	BV87823	SW8081	11/17/16	1	4,4' -DDT		ug/L	UJ	0.007
MW14	BV87823	SW8081	11/17/16	1	a-BHC		ug/L	UJ	0.020
MW14	BV87823	SW8081	11/17/16	1	a-chlordane		ug/L	UJ	0.010
MW14	BV87823	SW8081	11/17/16	1	Alachlor		ug/L	UJ	0.078
MW14	BV87823	SW8081	11/17/16	1	Aldrin		ug/L	UJ	0.003
MW14	BV87823	SW8081	11/17/16	1	b-BHC		ug/L	UJ	0.020
MW14	BV87823	SW8081	11/17/16	1	Chlordane		ug/L	UJ	0.052
MW14	BV87823	SW8081	11/17/16	1	d-BHC		ug/L	UJ	0.010
MW14	BV87823	SW8081	11/17/16	1	Dieldrin		ug/L	UJ	0.005
MW14	BV87823	SW8081	11/17/16	1	Endosulfan I		ug/L	UJ	0.010
MW14	BV87823	SW8081	11/17/16	1	Endosulfan II		ug/L	UJ	0.010
MW14	BV87823	SW8081	11/17/16	1	Endosulfan Sulfate		ug/L	UJ	0.010
MW14	BV87823	SW8081	11/17/16	1	Endrin		ug/L	UJ	0.005
MW14	BV87823	SW8081	11/17/16	1	Endrin Aldehyde		ug/L	UJ	0.010
MW14	BV87823	SW8081	11/17/16	1	Endrin ketone		ug/L	UJ	0.010
MW14	BV87823	SW8081	11/17/16	1	g-BHC (Lindane)		ug/L	UJ	0.005
MW14	BV87823	SW8081	11/17/16	1	g-chlordane		ug/L	UJ	0.030
MW14	BV87823	SW8081	11/17/16	1	Heptachlor		ug/L	UJ	0.005
MW14	BV87823	SW8081	11/17/16	1	Heptachlor epoxide		ug/L	UJ	0.005
MW14	BV87823	SW8081	11/17/16	1	Methoxychlor		ug/L	UJ	0.10



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW14	BV87823	SW8081	11/17/16	1	Toxaphene		ug/L	UJ	0.21
MW14	BV87823	SW8082	11/17/16	1	PCB-1016	0.16	ug/L		0.052
MW14	BV87823	SW8082	11/17/16	1	PCB-1221		ug/L	U	0.052
MW14	BV87823	SW8082	11/17/16	1	PCB-1232		ug/L	U	0.052
MW14	BV87823	SW8082	11/17/16	1	PCB-1242		ug/L	U	0.052
MW14	BV87823	SW8082	11/17/16	1	PCB-1248		ug/L	U	0.052
MW14	BV87823	SW8082	11/17/16	1	PCB-1254		ug/L	U	0.052
MW14	BV87823	SW8082	11/17/16	1	PCB-1260		ug/L	U	0.052
MW14	BV87823	SW8082	11/17/16	1	PCB-1262		ug/L	U	0.052
MW14	BV87823	SW8082	11/17/16	1	PCB-1268		ug/L	U	0.052
MW14	BV87823	SW8260	11/17/16	20	1,1,1,2-Tetrachloroethane		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	1,1,1-Trichloroethane		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	1,1,2,2-Tetrachloroethane		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	1,1,2-Trichloroethane		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	1,1-Dichloroethane		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	1,1-Dichloroethene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	1,1-Dichloropropene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	1,2,3-Trichlorobenzene		ug/L	U	20
MW14	BV87823	SW8260	11/17/16	20	1,2,3-Trichloropropane		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	1,2,4-Trichlorobenzene		ug/L	U	20
MW14	BV87823	SW8260	11/17/16	200	1,2,4-Trimethylbenzene	1400	ug/L		50
MW14	BV87823	SW8260	11/17/16	20	1,2-Dibromo-3-chloropropane		ug/L	UJ	10
MW14	BV87823	SW8260	11/17/16	20	1,2-Dibromoethane		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	1,2-Dichlorobenzene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	1,2-Dichloroethane		ug/L	U	10
MW14	BV87823	SW8260	11/17/16	20	1,2-Dichloropropane		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	1,3,5-Trimethylbenzene	400	ug/L		5.0
MW14	BV87823	SW8260	11/17/16	20	1,3-Dichlorobenzene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	1,3-Dichloropropane		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	1,4-Dichlorobenzene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	2,2-Dichloropropane		ug/L	UJ	5.0
MW14	BV87823	SW8260	11/17/16	20	2-Chlorotoluene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	2-Hexanone		ug/L	U	50
MW14	BV87823	SW8260	11/17/16	20	2-Isopropyltoluene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	4-Chlorotoluene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	4-Methyl-2-pentanone		ug/L	U	50
MW14	BV87823	SW8260	11/17/16	20	Acetone		ug/L	UJ	50
MW14	BV87823	SW8260	11/17/16	20	Acrolein		ug/L	UJ	50
MW14	BV87823	SW8260	11/17/16	20	Acrylonitrile		ug/L	UJ	50
MW14	BV87823	SW8260	11/17/16	20	Benzene	380	ug/L		5.0



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW14	BV87823	SW8260	11/17/16	20	Bromobenzene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	Bromochloromethane		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	Bromodichloromethane		ug/L	U	20
MW14	BV87823	SW8260	11/17/16	20	Bromoform		ug/L	U	50
MW14	BV87823	SW8260	11/17/16	20	Bromomethane		ug/L	UJ	5.0
MW14	BV87823	SW8260	11/17/16	20	Carbon Disulfide	12	ug/L	J	20
MW14	BV87823	SW8260	11/17/16	20	Carbon tetrachloride		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	Chlorobenzene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	Chloroethane		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	Chloroform		ug/L	U	7.0
MW14	BV87823	SW8260	11/17/16	20	Chloromethane		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	cis-1,2-Dichloroethene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	cis-1,3-Dichloropropene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	Dibromochloromethane		ug/L	U	20
MW14	BV87823	SW8260	11/17/16	20	Dibromomethane		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	Dichlorodifluoromethane		ug/L	UJ	5.0
MW14	BV87823	SW8260	11/17/16	200	Ethylbenzene	940	ug/L		50
MW14	BV87823	SW8260	11/17/16	20	Hexachlorobutadiene		ug/L	U	4.0
MW14	BV87823	SW8260	11/17/16	20	Isopropylbenzene	64	ug/L		5.0
MW14	BV87823	SW8260	11/17/16	200	m&p-Xylene	3700	ug/L		200
MW14	BV87823	SW8260	11/17/16	20	Methyl ethyl ketone		ug/L	U	50
MW14	BV87823	SW8260	11/17/16	20	Methyl t-butyl ether (MTBE)		ug/L	U	20
MW14	BV87823	SW8260	11/17/16	20	Methylene chloride		ug/L	U	20
MW14	BV87823	SW8260	11/17/16	20	Naphthalene	250	ug/L		20
MW14	BV87823	SW8260	11/17/16	20	n-Butylbenzene	16	ug/L		5.0
MW14	BV87823	SW8260	11/17/16	20	n-Propylbenzene	170	ug/L		5.0
MW14	BV87823	SW8260	11/17/16	200	o-Xylene	1500	ug/L		50
MW14	BV87823	SW8260	11/17/16	20	p-Isopropyltoluene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	sec-Butylbenzene	12	ug/L		5.0
MW14	BV87823	SW8260	11/17/16	20	Styrene	6.9	ug/L		5.0
MW14	BV87823	SW8260	11/17/16	20	tert-Butylbenzene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	Tetrachloroethene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	Tetrahydrofuran (THF)		ug/L	UJ	50
MW14	BV87823	SW8260	11/17/16	200	Toluene	1100	ug/L		50
MW14	BV87823	SW8260	11/17/16	20	trans-1,2-Dichloroethene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	trans-1,3-Dichloropropene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	trans-1,4-dichloro-2-butene		ug/L	U	50
MW14	BV87823	SW8260	11/17/16	20	Trichloroethene		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	Trichlorofluoromethane		ug/L	U	5.0
MW14	BV87823	SW8260	11/17/16	20	Trichlorotrifluoroethane		ug/L	U	5.0



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BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW14	BV87823	SW8260	11/17/16	20	Vinyl chloride		ug/L	U	5.0
MW14	BV87823	SW8270	11/17/16	20	1,2,4,5-Tetrachlorobenzene		ug/L	U	100
MW14	BV87823	SW8270	11/17/16	20	1,2,4-Trichlorobenzene		ug/L	U	100
MW14	BV87823	SW8270	11/17/16	20	1,2-Dichlorobenzene		ug/L	U	28
MW14	BV87823	SW8270	11/17/16	20	1,2-Diphenylhydrazine		ug/L	U	100
MW14	BV87823	SW8270	11/17/16	20	1,3-Dichlorobenzene		ug/L	U	30
MW14	BV87823	SW8270	11/17/16	20	1,4-Dichlorobenzene		ug/L	U	30
MW14	BV87823	SW8270	11/17/16	20	2,4,5-Trichlorophenol		ug/L	U	55
MW14	BV87823	SW8270	11/17/16	20	2,4,6-Trichlorophenol		ug/L	U	32
MW14	BV87823	SW8270	11/17/16	20	2,4-Dichlorophenol		ug/L	U	35
MW14	BV87823	SW8270	11/17/16	20	2,4-Dimethylphenol		ug/L	U	25
MW14	BV87823	SW8270	11/17/16	20	2,4-Dinitrophenol		ug/L	U	70
MW14	BV87823	SW8270	11/17/16	20	2,4-Dinitrotoluene		ug/L	U	39
MW14	BV87823	SW8270	11/17/16	20	2,6-Dinitrotoluene		ug/L	U	32
MW14	BV87823	SW8270	11/17/16	20	2-Chloronaphthalene		ug/L	U	28
MW14	BV87823	SW8270	11/17/16	20	2-Chlorophenol		ug/L	U	28
MW14	BV87823	SW8270	11/17/16	20	2-Methylnaphthalene	67	ug/L		50
MW14	BV87823	SW8270	11/17/16	20	2-Methylphenol (o-cresol)		ug/L	U	47
MW14	BV87823	SW8270	11/17/16	20	2-Nitroaniline		ug/L	U	100
MW14	BV87823	SW8270	11/17/16	20	2-Nitrophenol		ug/L	UJ	63
MW14	BV87823	SW8270	11/17/16	20	3&4-Methylphenol (m&p-cresol)		ug/L	U	100
MW14	BV87823	SW8270	11/17/16	20	3,3'-Dichlorobenzidine		ug/L	UJ	47
MW14	BV87823	SW8270	11/17/16	20	3-Nitroaniline		ug/L	U	220
MW14	BV87823	SW8270	11/17/16	20	4,6-Dinitro-2-methylphenol		ug/L	UJ	110
MW14	BV87823	SW8270	11/17/16	20	4-Bromophenyl phenyl ether		ug/L	U	100
MW14	BV87823	SW8270	11/17/16	20	4-Chloro-3-methylphenol		ug/L	U	35
MW14	BV87823	SW8270	11/17/16	20	4-Chloroaniline		ug/L	U	47
MW14	BV87823	SW8270	11/17/16	20	4-Chlorophenyl phenyl ether		ug/L	U	100
MW14	BV87823	SW8270	11/17/16	20	4-Nitroaniline		ug/L	U	33
MW14	BV87823	SW8270	11/17/16	20	4-Nitrophenol		ug/L	U	45
MW14	BV87823	SW8270	11/17/16	20	Acenaphthene		ug/L	U	30
MW14	BV87823	SW8270	11/17/16	20	Acenaphthylene		ug/L	U	28
MW14	BV87823	SW8270	11/17/16	20	Acetophenone		ug/L	U	100
MW14	BV87823	SW8270	11/17/16	20	Aniline		ug/L	UJ	300
MW14	BV87823	SW8270	11/17/16	20	Anthracene		ug/L	U	50
MW14	BV87823	SW8270	11/17/16	20	Benz(a)anthracene		ug/L	U	34
MW14	BV87823	SW8270	11/17/16	20	Benzidine		ug/L	R	59
MW14	BV87823	SW8270	11/17/16	20	Benzo(a)pyrene		ug/L	U	33
MW14	BV87823	SW8270	11/17/16	20	Benzo(b)fluoranthene		ug/L	U	34
MW14	BV87823	SW8270	11/17/16	20	Benzo(ghi)perylene		ug/L	U	32



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW14	BV87823	SW8270	11/17/16	20	Benzo(k)fluoranthene		ug/L	U	33
MW14	BV87823	SW8270	11/17/16	200	Benzoic acid	3700	ug/L	J	2000
MW14	BV87823	SW8270	11/17/16	20	Benzyl butyl phthalate		ug/L	U	50
MW14	BV87823	SW8270	11/17/16	20	Bis(2-chloroethoxy)methane		ug/L	U	28
MW14	BV87823	SW8270	11/17/16	20	Bis(2-chloroethyl)ether		ug/L	U	27
MW14	BV87823	SW8270	11/17/16	20	Bis(2-chloroisopropyl)ether		ug/L	U	100
MW14	BV87823	SW8270	11/17/16	20	Bis(2-ethylhexyl)phthalate		ug/L	U	29
MW14	BV87823	SW8270	11/17/16	20	Carbazole		ug/L	U	500
MW14	BV87823	SW8270	11/17/16	20	Chrysene		ug/L	U	34
MW14	BV87823	SW8270	11/17/16	20	Dibenz(a,h)anthracene		ug/L	U	50
MW14	BV87823	SW8270	11/17/16	20	Dibenzofuran		ug/L	U	29
MW14	BV87823	SW8270	11/17/16	20	Diethyl phthalate		ug/L	U	50
MW14	BV87823	SW8270	11/17/16	20	Dimethylphthalate		ug/L	U	50
MW14	BV87823	SW8270	11/17/16	20	Di-n-butylphthalate		ug/L	U	50
MW14	BV87823	SW8270	11/17/16	20	Di-n-octylphthalate		ug/L	U	50
MW14	BV87823	SW8270	11/17/16	20	Fluoranthene		ug/L	U	50
MW14	BV87823	SW8270	11/17/16	20	Fluorene		ug/L	U	50
MW14	BV87823	SW8270	11/17/16	20	Hexachlorobenzene		ug/L	U	29
MW14	BV87823	SW8270	11/17/16	20	Hexachlorobutadiene		ug/L	U	36
MW14	BV87823	SW8270	11/17/16	20	Hexachlorocyclopentadiene		ug/L	UJ	31
MW14	BV87823	SW8270	11/17/16	20	Hexachloroethane		ug/L	U	30
MW14	BV87823	SW8270	11/17/16	20	Indeno(1,2,3-cd)pyrene		ug/L	U	33
MW14	BV87823	SW8270	11/17/16	20	Isophorone		ug/L	U	50
MW14	BV87823	SW8270	11/17/16	20	Naphthalene	260	ug/L		29
MW14	BV87823	SW8270	11/17/16	20	Nitrobenzene		ug/L	U	35
MW14	BV87823	SW8270	11/17/16	20	N-Nitrosodimethylamine		ug/L	U	100
MW14	BV87823	SW8270	11/17/16	20	N-Nitrosodi-n-propylamine		ug/L	U	100
MW14	BV87823	SW8270	11/17/16	20	N-Nitrosodiphenylamine		ug/L	U	50
MW14	BV87823	SW8270	11/17/16	20	Pentachloronitrobenzene		ug/L	U	100
MW14	BV87823	SW8270	11/17/16	20	Pentachlorophenol		ug/L	UJ	38
MW14	BV87823	SW8270	11/17/16	20	Phenanthrene		ug/L	U	50
MW14	BV87823	SW8270	11/17/16	20	Phenol		ug/L	U	32
MW14	BV87823	SW8270	11/17/16	20	Pyrene		ug/L	U	50
MW14	BV87823	SW8270	11/17/16	20	Pyridine		ug/L	UJ	50
MW15	BV87824	7010	11/17/16	1	Antimony		mg/L	UJ	0.002
MW15	BV87824	7010	11/17/16	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW15	BV87824	7010	11/17/16	1	Selenium		mg/L	U	0.002
MW15	BV87824	7010	11/17/16	1	Selenium, (Dissolved)		mg/L	U	0.004
MW15	BV87824	7010	11/17/16	1	Thallium - LDL		mg/L	UJ	0.0005
MW15	BV87824	7010	11/17/16	1	Thallium , (Dissolved)		mg/L	UJ	0.0005



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BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW15	BV87824	SW6010	11/17/16	1	Aluminum	0.048	mg/L		0.010
MW15	BV87824	SW6010	11/17/16	1	Aluminum (Dissolved)	0.005	mg/L	J	0.011
MW15	BV87824	SW6010	11/17/16	1	Arsenic - LDL		mg/L	U	0.004
MW15	BV87824	SW6010	11/17/16	1	Arsenic, (Dissolved)		mg/L	U	0.003
MW15	BV87824	SW6010	11/17/16	1	Barium	0.151	mg/L		0.010
MW15	BV87824	SW6010	11/17/16	1	Barium (Dissolved)	0.142	mg/L		0.011
MW15	BV87824	SW6010	11/17/16	1	Beryllium		mg/L	U	0.001
MW15	BV87824	SW6010	11/17/16	1	Beryllium (Dissolved)		mg/L	U	0.001
MW15	BV87824	SW6010	11/17/16	1	Cadmium	0.001	mg/L	J	0.004
MW15	BV87824	SW6010	11/17/16	1	Cadmium (Dissolved)		mg/L	U	0.004
MW15	BV87824	SW6010	11/17/16	10	Calcium	151	mg/L		0.10
MW15	BV87824	SW6010	11/17/16	1	Calcium (Dissolved)	141	mg/L	J	0.01
MW15	BV87824	SW6010	11/17/16	1	Chromium		mg/L	U	0.001
MW15	BV87824	SW6010	11/17/16	1	Chromium (Dissolved)		mg/L	U	0.001
MW15	BV87824	SW6010	11/17/16	1	Cobalt	0.005	mg/L		0.005
MW15	BV87824	SW6010	11/17/16	1	Cobalt, (Dissolved)	0.005	mg/L		0.005
MW15	BV87824	SW6010	11/17/16	1	Copper	0.004	mg/L	U	0.005
MW15	BV87824	SW6010	11/17/16	1	Copper, (Dissolved)	0.002	mg/L	J+	0.005
MW15	BV87824	SW6010	11/17/16	1	Iron	1.35	mg/L	J	0.01
MW15	BV87824	SW6010	11/17/16	1	Iron, (Dissolved)	0.12	mg/L		0.01
MW15	BV87824	SW6010	11/17/16	1	Lead		mg/L	U	0.002
MW15	BV87824	SW6010	11/17/16	1	Lead (Dissolved)	0.002	mg/L	J	0.002
MW15	BV87824	SW6010	11/17/16	1	Magnesium	39.5	mg/L		0.010
MW15	BV87824	SW6010	11/17/16	1	Magnesium (Dissolved)	36.2	mg/L		0.01
MW15	BV87824	SW6010	11/17/16	10	Manganese	12.1	mg/L		0.050
MW15	BV87824	SW6010	11/17/16	10	Manganese, (Dissolved)	11.9	mg/L		0.053
MW15	BV87824	SW6010	11/17/16	1	Nickel	0.003	mg/L	J	0.004
MW15	BV87824	SW6010	11/17/16	1	Nickel, (Dissolved)	0.003	mg/L	J	0.004
MW15	BV87824	SW6010	11/17/16	1	Potassium	20.7	mg/L		0.1
MW15	BV87824	SW6010	11/17/16	1	Potassium (Dissolved)	19.6	mg/L		0.1
MW15	BV87824	SW6010	11/17/16	1	Silver		mg/L	U	0.005
MW15	BV87824	SW6010	11/17/16	1	Silver (Dissolved)		mg/L	U	0.005
MW15	BV87824	SW6010	11/17/16	10	Sodium	161	mg/L	J	1.0
MW15	BV87824	SW6010	11/17/16	10	Sodium (Dissolved)	159	mg/L		1.1
MW15	BV87824	SW6010	11/17/16	1	Vanadium		mg/L	U	0.010
MW15	BV87824	SW6010	11/17/16	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW15	BV87824	SW6010	11/17/16	1	Zinc	0.002	mg/L	J	0.010
MW15	BV87824	SW6010	11/17/16	1	Zinc, (Dissolved)	0.001	mg/L	J	0.011
MW15	BV87824	SW7470	11/17/16	1	Mercury		mg/L	U	0.0002
MW15	BV87824	SW7470	11/17/16	1	Mercury (Dissolved)		mg/L	U	0.0002



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW15	BV87824	SW8081	11/17/16	1	4,4' -DDD		ug/L	U	0.005
MW15	BV87824	SW8081	11/17/16	1	4,4' -DDE		ug/L	UJ	0.005
MW15	BV87824	SW8081	11/17/16	1	4,4' -DDT		ug/L	UJ	0.005
MW15	BV87824	SW8081	11/17/16	1	a-BHC		ug/L	UJ	0.005
MW15	BV87824	SW8081	11/17/16	1	a-chlordane		ug/L	UJ	0.010
MW15	BV87824	SW8081	11/17/16	1	Alachlor		ug/L	U	0.075
MW15	BV87824	SW8081	11/17/16	1	Aldrin		ug/L	UJ	0.002
MW15	BV87824	SW8081	11/17/16	1	b-BHC		ug/L	UJ	0.010
MW15	BV87824	SW8081	11/17/16	1	Chlordane		ug/L	U	0.050
MW15	BV87824	SW8081	11/17/16	1	d-BHC		ug/L	U	0.005
MW15	BV87824	SW8081	11/17/16	1	Dieldrin		ug/L	U	0.002
MW15	BV87824	SW8081	11/17/16	1	Endosulfan I		ug/L	UJ	0.010
MW15	BV87824	SW8081	11/17/16	1	Endosulfan II		ug/L	UJ	0.010
MW15	BV87824	SW8081	11/17/16	1	Endosulfan Sulfate		ug/L	U	0.010
MW15	BV87824	SW8081	11/17/16	1	Endrin		ug/L	U	0.010
MW15	BV87824	SW8081	11/17/16	1	Endrin Aldehyde		ug/L	UJ	0.010
MW15	BV87824	SW8081	11/17/16	1	Endrin ketone		ug/L	UJ	0.010
MW15	BV87824	SW8081	11/17/16	1	g-BHC (Lindane)		ug/L	UJ	0.005
MW15	BV87824	SW8081	11/17/16	1	g-chlordane		ug/L	UJ	0.010
MW15	BV87824	SW8081	11/17/16	1	Heptachlor		ug/L	U	0.010
MW15	BV87824	SW8081	11/17/16	1	Heptachlor epoxide		ug/L	UJ	0.010
MW15	BV87824	SW8081	11/17/16	1	Methoxychlor		ug/L	UJ	0.10
MW15	BV87824	SW8081	11/17/16	1	Toxaphene		ug/L	U	0.20
MW15	BV87824	SW8082	11/17/16	1	PCB-1016		ug/L	U	0.050
MW15	BV87824	SW8082	11/17/16	1	PCB-1221		ug/L	U	0.050
MW15	BV87824	SW8082	11/17/16	1	PCB-1232		ug/L	U	0.050
MW15	BV87824	SW8082	11/17/16	1	PCB-1242		ug/L	U	0.050
MW15	BV87824	SW8082	11/17/16	1	PCB-1248		ug/L	U	0.050
MW15	BV87824	SW8082	11/17/16	1	PCB-1254		ug/L	U	0.050
MW15	BV87824	SW8082	11/17/16	1	PCB-1260		ug/L	U	0.050
MW15	BV87824	SW8082	11/17/16	1	PCB-1262		ug/L	U	0.050
MW15	BV87824	SW8082	11/17/16	1	PCB-1268		ug/L	U	0.050
MW15	BV87824	SW8260	11/17/16	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW15	BV87824	SW8260	11/17/16	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	1,1-Dichloroethane		ug/L	U	5.0
MW15	BV87824	SW8260	11/17/16	1	1,1-Dichloroethene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	1,1-Dichloropropene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	1,2,3-Trichlorobenzene		ug/L	U	1.0



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BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW15	BV87824	SW8260	11/17/16	1	1,2,3-Trichloropropane		ug/L	U	0.25
MW15	BV87824	SW8260	11/17/16	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	0.50
MW15	BV87824	SW8260	11/17/16	1	1,2-Dibromoethane		ug/L	U	0.25
MW15	BV87824	SW8260	11/17/16	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	1,2-Dichloroethane		ug/L	U	0.60
MW15	BV87824	SW8260	11/17/16	1	1,2-Dichloropropane		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	1,3-Dichlorobenzene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	1,3-Dichloropropane		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	1,4-Dichlorobenzene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	2,2-Dichloropropane		ug/L	UJ	1.0
MW15	BV87824	SW8260	11/17/16	1	2-Chlorotoluene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	2-Hexanone		ug/L	U	2.5
MW15	BV87824	SW8260	11/17/16	1	2-Isopropyltoluene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	4-Chlorotoluene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	4-Methyl-2-pentanone		ug/L	U	2.5
MW15	BV87824	SW8260	11/17/16	1	Acetone		ug/L	UJ	5.0
MW15	BV87824	SW8260	11/17/16	1	Acrolein		ug/L	UJ	5.0
MW15	BV87824	SW8260	11/17/16	1	Acrylonitrile		ug/L	UJ	5.0
MW15	BV87824	SW8260	11/17/16	1	Benzene		ug/L	U	0.70
MW15	BV87824	SW8260	11/17/16	1	Bromobenzene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Bromochloromethane		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Bromodichloromethane		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Bromoform		ug/L	U	5.0
MW15	BV87824	SW8260	11/17/16	1	Bromomethane		ug/L	UJ	5.0
MW15	BV87824	SW8260	11/17/16	1	Carbon Disulfide		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Carbon tetrachloride		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Chlorobenzene		ug/L	U	5.0
MW15	BV87824	SW8260	11/17/16	1	Chloroethane		ug/L	U	5.0
MW15	BV87824	SW8260	11/17/16	1	Chloroform		ug/L	U	5.0
MW15	BV87824	SW8260	11/17/16	1	Chloromethane		ug/L	U	5.0
MW15	BV87824	SW8260	11/17/16	1	cis-1,2-Dichloroethene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	cis-1,3-Dichloropropene		ug/L	U	0.40
MW15	BV87824	SW8260	11/17/16	1	Dibromochloromethane		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Dibromomethane		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Dichlorodifluoromethane		ug/L	UJ	1.0
MW15	BV87824	SW8260	11/17/16	1	Ethylbenzene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Hexachlorobutadiene		ug/L	U	0.50



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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW15	BV87824	SW8260	11/17/16	1	Isopropylbenzene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	m&p-Xylene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Methyl ethyl ketone		ug/L	U	2.5
MW15	BV87824	SW8260	11/17/16	1	Methyl t-butyl ether (MTBE)		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Methylene chloride		ug/L	U	3.0
MW15	BV87824	SW8260	11/17/16	1	Naphthalene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	n-Butylbenzene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	n-Propylbenzene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	o-Xylene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	p-Isopropyltoluene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	sec-Butylbenzene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Styrene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	tert-Butylbenzene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Tetrachloroethene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Tetrahydrofuran (THF)		ug/L	UJ	5.0
MW15	BV87824	SW8260	11/17/16	1	Toluene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	trans-1,2-Dichloroethene		ug/L	U	5.0
MW15	BV87824	SW8260	11/17/16	1	trans-1,3-Dichloropropene		ug/L	U	0.40
MW15	BV87824	SW8260	11/17/16	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5
MW15	BV87824	SW8260	11/17/16	1	Trichloroethene		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Trichlorofluoromethane		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW15	BV87824	SW8260	11/17/16	1	Vinyl chloride		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	1,2,4-Trichlorobenzene		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	1,2-Diphenylhydrazine		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	1,3-Dichlorobenzene		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	1,4-Dichlorobenzene		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	2,4,5-Trichlorophenol		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	2,4,6-Trichlorophenol		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	2,4-Dichlorophenol		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	2,4-Dimethylphenol		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	2,4-Dinitrophenol		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	2,4-Dinitrotoluene		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	2,6-Dinitrotoluene		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	2-Chloronaphthalene		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	2-Chlorophenol		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	2-Methylnaphthalene		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	2-Nitroaniline		ug/L	U	5.0



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW15	BV87824	SW8270	11/17/16	1	2-Nitrophenol		ug/L	UJ	1.0
MW15	BV87824	SW8270	11/17/16	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	3,3'-Dichlorobenzidine		ug/L	UJ	5.0
MW15	BV87824	SW8270	11/17/16	1	3-Nitroaniline		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	4,6-Dinitro-2-methylphenol		ug/L	UJ	1.0
MW15	BV87824	SW8270	11/17/16	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	4-Chloro-3-methylphenol		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	4-Chloroaniline		ug/L	U	3.5
MW15	BV87824	SW8270	11/17/16	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	4-Nitroaniline		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	4-Nitrophenol		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	Acenaphthene		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Acetophenone		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Aniline		ug/L	UJ	3.5
MW15	BV87824	SW8270	11/17/16	1	Anthracene		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Benzidine		ug/L	R	4.5
MW15	BV87824	SW8270	11/17/16	1	Benzoic acid		ug/L	UJ	25
MW15	BV87824	SW8270	11/17/16	1	Benzyl butyl phthalate		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Bis(2-chloroethoxy)methane		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Bis(2-chloroethyl)ether		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Carbazole		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Dibenzofuran		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Diethyl phthalate		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Dimethylphthalate		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Di-n-butylphthalate		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Di-n-octylphthalate		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Fluoranthene		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Fluorene		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
MW15	BV87824	SW8270	11/17/16	1	Isophorone		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Naphthalene		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	N-Nitrosodiphenylamine		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Phenol		ug/L	U	1.0
MW15	BV87824	SW8270	11/17/16	1	Pyrene		ug/L	U	5.0
MW15	BV87824	SW8270	11/17/16	1	Pyridine		ug/L	UJ	10
MW15	BV87824	SW8270C-SIM	11/17/16	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
MW15	BV87824	SW8270C-SIM	11/17/16	1	Acenaphthylene		ug/L	U	0.10
MW15	BV87824	SW8270C-SIM	11/17/16	1	Benz(a)anthracene		ug/L	U	0.02



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW15	BV87824	SW8270C-SIM	11/17/16	1	Benzo(a)pyrene		ug/L	U	0.02
MW15	BV87824	SW8270C-SIM	11/17/16	1	Benzo(b)fluoranthene		ug/L	U	0.02
MW15	BV87824	SW8270C-SIM	11/17/16	1	Benzo(ghi)perylene		ug/L	U	0.02
MW15	BV87824	SW8270C-SIM	11/17/16	1	Benzo(k)fluoranthene		ug/L	U	0.02
MW15	BV87824	SW8270C-SIM	11/17/16	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0
MW15	BV87824	SW8270C-SIM	11/17/16	1	Chrysene		ug/L	U	0.02
MW15	BV87824	SW8270C-SIM	11/17/16	1	Dibenz(a,h)anthracene		ug/L	U	0.02
MW15	BV87824	SW8270C-SIM	11/17/16	1	Hexachlorobenzene		ug/L	U	0.02
MW15	BV87824	SW8270C-SIM	11/17/16	1	Hexachlorobutadiene		ug/L	U	0.40
MW15	BV87824	SW8270C-SIM	11/17/16	1	Hexachloroethane		ug/L	U	0.50
MW15	BV87824	SW8270C-SIM	11/17/16	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02
MW15	BV87824	SW8270C-SIM	11/17/16	1	Nitrobenzene		ug/L	U	0.10
MW15	BV87824	SW8270C-SIM	11/17/16	1	N-Nitrosodimethylamine		ug/L	UJ	0.10
MW15	BV87824	SW8270C-SIM	11/17/16	1	Pentachloronitrobenzene		ug/L	U	0.10
MW15	BV87824	SW8270C-SIM	11/17/16	1	Pentachlorophenol		ug/L	UJ	0.80
MW15	BV87824	SW8270C-SIM	11/17/16	1	Phenanthrene		ug/L	U	0.10
BV87825-TB	BV87825	SW8260	11/17/16	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,1,1-Trichloroethane		ug/L	U	5.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,1,2-Trichloroethane		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,1-Dichloroethane		ug/L	U	5.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,1-Dichloroethene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,1-Dichloropropene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,2,3-Trichloropropane		ug/L	U	0.25
BV87825-TB	BV87825	SW8260	11/17/16	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	0.50
BV87825-TB	BV87825	SW8260	11/17/16	1	1,2-Dibromoethane		ug/L	U	0.25
BV87825-TB	BV87825	SW8260	11/17/16	1	1,2-Dichlorobenzene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,2-Dichloroethane		ug/L	U	0.60
BV87825-TB	BV87825	SW8260	11/17/16	1	1,2-Dichloropropane		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,3-Dichlorobenzene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,3-Dichloropropane		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	1,4-Dichlorobenzene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	2,2-Dichloropropane		ug/L	UJ	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	2-Chlorotoluene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	2-Hexanone		ug/L	U	2.5
BV87825-TB	BV87825	SW8260	11/17/16	1	2-Isopropyltoluene		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
BV87825-TB	BV87825	SW8260	11/17/16	1	4-Chlorotoluene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	4-Methyl-2-pentanone		ug/L	U	2.5
BV87825-TB	BV87825	SW8260	11/17/16	1	Acetone		ug/L	UJ	5.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Acrolein		ug/L	UJ	5.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Acrylonitrile		ug/L	UJ	5.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Benzene		ug/L	U	0.70
BV87825-TB	BV87825	SW8260	11/17/16	1	Bromobenzene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Bromochloromethane		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Bromodichloromethane		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Bromoform		ug/L	U	5.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Bromomethane		ug/L	UJ	5.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Carbon Disulfide		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Carbon tetrachloride		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Chlorobenzene		ug/L	U	5.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Chloroethane		ug/L	U	5.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Chloroform		ug/L	U	5.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Chloromethane		ug/L	U	5.0
BV87825-TB	BV87825	SW8260	11/17/16	1	cis-1,2-Dichloroethene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	cis-1,3-Dichloropropene		ug/L	U	0.40
BV87825-TB	BV87825	SW8260	11/17/16	1	Dibromochloromethane		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Dibromomethane		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Dichlorodifluoromethane		ug/L	UJ	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Ethylbenzene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Hexachlorobutadiene		ug/L	U	0.50
BV87825-TB	BV87825	SW8260	11/17/16	1	Isopropylbenzene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	m&p-Xylene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Methyl ethyl ketone		ug/L	U	2.5
BV87825-TB	BV87825	SW8260	11/17/16	1	Methyl t-butyl ether (MTBE)		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Methylene chloride		ug/L	U	3.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Naphthalene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	n-Butylbenzene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	n-Propylbenzene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	o-Xylene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	p-Isopropyltoluene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	sec-Butylbenzene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Styrene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	tert-Butylbenzene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Tetrachloroethene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Tetrahydrofuran (THF)		ug/L	UJ	5.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Toluene		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
BV87825-TB	BV87825	SW8260	11/17/16	1	trans-1,2-Dichloroethene		ug/L	U	5.0
BV87825-TB	BV87825	SW8260	11/17/16	1	trans-1,3-Dichloropropene		ug/L	U	0.40
BV87825-TB	BV87825	SW8260	11/17/16	1	trans-1,4-dichloro-2-butene		ug/L	U	2.5
BV87825-TB	BV87825	SW8260	11/17/16	1	Trichloroethene		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Trichlorofluoromethane		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Trichlorotrifluoroethane		ug/L	U	1.0
BV87825-TB	BV87825	SW8260	11/17/16	1	Vinyl chloride		ug/L	U	1.0

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV81835
Client: Environmental Business Consultants
Date: 02/20/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for seventeen (17) soil samples analyzed for Semi-volatiles by SW-846 Method 8270D in accordance with the NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/10/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/11/2016 for analysis.
3. The USEPA Region-II SOP HW-35, Revision 2, March 2013, Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SW-846 Method 8270D was used in evaluating the Semi-volatiles data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (see discussion below).



Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B5 (0-2)	BV81835	11/10/16	SVO	Soil	
15B5 (12-14)	BV81836	11/10/16	SVO	Soil	
15B5 (15-17)	BV81837	11/10/16	SVO	Soil	
15B8 (0-2)	BV81838	11/10/16	SVO	Soil	
15B8 (12-14)	BV81839	11/10/16	SVO	Soil	
15B11 (0-2)	BV81840	11/10/16	SVO	Soil	
15B11 (3-5)	BV81841	11/10/16	SVO	Soil	
15B11 (12-14)	BV81842	11/10/16	SVO	Soil	
15B12 (12-14)	BV81843	11/10/16	SVO	Soil	
15B12 (20-22)	BV81844	11/10/16	SVO	Soil	
15B13 (12-14)	BV81845	11/10/16	SVO	Soil	
15B14 (1-3)	BV81846	11/10/16	SVO	Soil	
15B14 (12-14)	BV81847	11/10/16	SVO	Soil	
15B14 (14-16)	BV81848	11/10/16	SVO	Soil	
15B20 (0-2)	BV81849	11/10/16	SVO	Soil	
15B20 (12-14)	BV81850	11/10/16	SVO	Soil	
SOIL DUPLICATE	BV81851	11/10/16	SVO	Soil	Field Duplicate to Sample 15B20 (12-14)

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/MS Tuning:

1. All of the DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/10/2016 (CHEM25) exhibited acceptable %RSDs ($\leq 30.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (>0.050) with the following exception(s):

Compound	%RSD
4,6-Dinitro-2-methylphenol	21.3

Client Sample ID	Laboratory Sample ID	Compound	Action
15B5 (0-2)	BV81835	4,6-Dinitro-2-methylphenol	None
15B5 (12-14)	BV81836	4,6-Dinitro-2-methylphenol	None
15B5 (15-17)	BV21837	4,6-Dinitro-2-methylphenol	None
15B8 (0-2)	BV21838	4,6-Dinitro-2-methylphenol	None
15B8 (12-14)	BV81839	4,6-Dinitro-2-methylphenol	None
15B11 (0-2)	BV81840	4,6-Dinitro-2-methylphenol	None
15B11 (12-14)	BV81842	4,6-Dinitro-2-methylphenol	None

2. Initial calibration curve analyzed on 10/24/2016 (CHEM29) exhibited acceptable %RSDs ($\leq 30.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (>0.050) with the following exception(s):

Compound	%RSD
Benzoic Acid	34.4
2,4-Dinitrophenol	27.9

Client Sample ID	Laboratory Sample ID	Compound	Action
15B11 (3-5)	BV81841	Benzoic Acid, 2,4-Dinitrophenol	None
15B12 (12-14)	BV81843	Benzoic Acid, 2,4-Dinitrophenol	None
15B12 (20-22)	BV81844	Benzoic Acid, 2,4-Dinitrophenol	None
15B13 (12-14)	BV81845	Benzoic Acid, 2,4-Dinitrophenol	None
15B14 (1-3)	BV81846	Benzoic Acid, 2,4-Dinitrophenol	None
15B14 (12-14)	BV81847	Benzoic Acid, 2,4-Dinitrophenol	None
15B14 (14-16)	BV81848	Benzoic Acid, 2,4-Dinitrophenol	None
15B20 (0-2)	BV81849	Benzoic Acid, 2,4-Dinitrophenol	None
15B20 (12-14)	BV81850	Benzoic Acid, 2,4-Dinitrophenol	None
SOIL DUPLICATE	BV81851	Benzoic Acid, 2,4-Dinitrophenol	None

Continuing Calibration Verification (CCV):

1. CCV analyzed on 11/11/2016 @ 21:17 (CHEM25) exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$. No qualifications were required.
2. CCV analyzed on 11/12/2016 @ 08:28 (CHEM25) exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$ with the following exception(s):

Compound	%D
Hexachlorocyclopentadiene	82.1
2,4-Dinitrophenol	88.4
4,6-Dinitro-2-methylphenol	82.9

Client Sample ID	Laboratory Sample ID	Compound	Action
15B5 (0-2)	BV81835	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B5 (12-14)	BV81836	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B5 (15-17)	BV21837	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B8 (0-2)	BV21838	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B8 (12-14)	BV81839	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B11 (0-2)	BV81840	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B11 (12-14)	BV81842	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ

3. CCV analyzed on 11/11/2016 @ 22:37 (CHEM29) exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$ with the following exception(s):

Compound	%D
Benzoic Acid	-33.8

Client Sample ID	Laboratory Sample ID	Compound	Action
15B11 (3-5)	BV81841	Benzoic Acid	UJ
15B12 (12-14)	BV81843	Benzoic Acid	UJ
15B12 (20-22)	BV81844	Benzoic Acid	UJ
15B13 (12-14)	BV81845	Benzoic Acid	UJ
15B14 (1-3)	BV81846	Benzoic Acid	UJ
15B14 (12-14)	BV81847	Benzoic Acid	UJ
15B14 (14-16)	BV81848	Benzoic Acid	UJ
15B20 (0-2)	BV81849	Benzoic Acid	UJ
15B20 (12-14)	BV81850	Benzoic Acid	UJ
SOIL DUPLICATE	BV81851	Benzoic Acid	UJ

- CCV analyzed on 11/12/2016 @ 04:43 (CHEM29) exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$. No qualifications were required.

Surrogates:

- Surrogate %REC values were within the QC acceptance limits. No qualifications were required.

Internal Standard (IS) Area Performance:

- All samples exhibited acceptable area count for all six internal standards. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

- Method Blank (BV81841 BLANK) associated with the soil samples extracted on 11/11/2016 and analyzed on 11/11/2016 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

- Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) associated with Batch ID: BV81841 were analyzed on 11/11/2016. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Benzoic Acid	7/5/44.1	15B11 (3-5), 15B12 (12-14), 15B12 (20-22), 15B13 (12-14), 15B14 (1-3), 15B14 (12-14), 15B14 (14-16), 15B20 (0-2), 15B20 (12-14), SOIL DUPLICATE	UJ
2,4-Dinitrophenol	22/9/87.6	15B11 (3-5), 15B12 (12-14), 15B12 (20-22), 15B13 (12-14), 15B14 (1-3), 15B14 (12-14), 15B14 (14-16), 15B20 (0-2), 15B20 (12-14), SOIL DUPLICATE	UJ
4,6-Dinitro-2-methylphenol	A/28/54.5	15B11 (3-5) 15B12 (12-14), 15B12 (20-22), 15B13 (12-14) 15B14 (1-3), 15B14 (12-14), 15B14 (14-16) 15B20 (0-2), 15B20 (12-14) SOIL DUPLICATE	J UJ UJ UJ UJ
Benzidine	12/18/40.0	15B11 (3-5), 15B12 (12-14), 15B12 (20-22), 15B13 (12-14), 15B14 (1-3), 15B14 (12-14), 15B14 (14-16), 15B20 (0-2), 15B20 (12-14), SOIL DUPLICATE	UJ

A= Acceptable

Field Duplicate:

1. Sample SOIL DUPLICATE (BV81851) was collected as a field duplicate of sample 15B20 (12-14) (BV81850). Results for both samples were non-detect. No qualifications were required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD):

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

Target Compound Identification:

1. All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).
2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:

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

C_x = concentration of analyte as ug/kg
 A_x = Area of the characteristic ion for the compound to be measured, counts.
 A_{is} = Area of the characteristic ion for the specific internal standard, counts.
 IS = Concentration of the internal standard spiking mixture, ng
 RRF= Mean relative response factor from the initial calibration.
 DF = Dilution factor calculated. If no dilution is performed, DF= 1
 V= Volume for liquids in ml, weight for soils/solids in grams.
 VE= final volume of concentrated extract

Sample: BV81841 LCS

Pyrene

Sample weight= 15g
 Volume purged=1.0ml
 DF = 1
 %Solids=NA

$$Concentration (\mu g/kg) (dry) = \frac{1507298 \times 40 \times 1 \times 1000}{1159405 \times 1.344 \times 15} = 2579.5 \mu g/kg$$

Compound	Laboratory ($\mu g/kg$)	Validation ($\mu g/kg$)	%D
Pyrene	2579	2579	0.0



Comments:

1. Semivolatile data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV81835.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV81835.

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV81835
Client: Environmental Business Consultants
Date: 02/20/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for seventeen (17) soil samples and two (2) trip blanks analyzed for Volatiles by SW-846 Method 8260C in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/10/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/11/2016 for analysis.
3. The USEPA Region-II SOP HW-24, Revision 4, October 2014, Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SW-846 Method 8260C was used in evaluating the Volatiles data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (see discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B5 (0-2)	BV81835	11/10/16	VOA	Soil	
15B5 (12-14)	BV81836	11/10/16	VOA	Soil	
15B5 (15-17)	BV81837	11/10/16	VOA	Soil	
15B8 (0-2)	BV81838	11/10/16	VOA	Soil	
15B8 (12-14)	BV81839	11/10/16	VOA	Soil	
15B11 (0-2)	BV81840	11/10/16	VOA	Soil	
15B11 (3-5)	BV81841	11/10/16	VOA	Soil	
15B11 (12-14)	BV81842	11/10/16	VOA	Soil	
15B12 (12-14)	BV81843	11/10/16	VOA	Soil	
15B12 (20-22)	BV81844	11/10/16	VOA	Soil	
15B13 (12-14)	BV81845	11/10/16	VOA	Soil	
15B14 (1-3)	BV81846	11/10/16	VOA	Soil	
15B14 (12-14)	BV81847	11/10/16	VOA	Soil	
15B14 (14-16)	BV81848	11/10/16	VOA	Soil	
15B20 (0-2)	BV81849	11/10/16	VOA	Soil	
15B20 (12-14)	BV81850	11/10/16	VOA	Soil	
SOIL DUPLICATE	BV81851	11/10/16	VOA	Soil	Field Duplicate to Sample 15B20 (12-14)
Trip Blank High	BV81852	11/10/16	VOA	Soil	Trip Blank
Trip Blank Low	BV81853	11/10/16	VOA	Soil	Trip Blank

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were analyzed within 14 days from sample collection. No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/11/2016 (Chem03) exhibited acceptable %RSDs ($\leq 30.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (> 0.050) with the following exception(s):

Compound	RRF	%RSD
Chloroethane	A	25.2
Acrolein	0.036	A
Acetone	A	28.5

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15B5 (0-2)	BV81835	Chloroethane, Acrolein, Acetone	UJ
15B5 (12-14)	BV81836	Chloroethane, Acrolein Acetone	UJ J
15B5 (15-17)	BV21837	Chloroethane, Acrolein Acetone	UJ J
15B8 (0-2)	BV21838	Chloroethane, Acrolein, Acetone	UJ
15B8 (12-14)	BV81839	Chloroethane, Acrolein Acetone	UJ J
15B11 (0-2)	BV81840	Chloroethane, Acrolein Acetone	UJ J
15B11 (3-5)	BV81841	Chloroethane, Acrolein Acetone	UJ J
15B11 (12-14)	BV81842	Chloroethane, Acrolein Acetone	UJ J
15B12 (12-14)	BV81843	Chloroethane, Acrolein, Acetone	UJ
15B12 (20-22)	BV81844	Chloroethane, Acrolein Acetone	UJ J
15B13 (12-14)	BV81845	Chloroethane, Acrolein Acetone	UJ J
15B14 (1-3)	BV81846	Chloroethane, Acrolein Acetone	UJ J
15B14 (12-14)	BV81847	Chloroethane, Acrolein Acetone	UJ J

Client Sample ID	Laboratory Sample ID	Compound	Action
15B14 (14-16)	BV81848	Chloroethane, Acrolein Acetone	UJ J
15B20 (0-2)	BV81849	Chloroethane, Acrolein, Acetone	UJ
15B20 (12-14)	BV81850	Chloroethane, Acrolein, Acetone	UJ
SOIL DUPLICATE	BV81851	Chloroethane, Acrolein, Acetone	UJ
Trip Blank High	BV81852	Chloroethane, Acrolein, Acetone	UJ
Trip Blank Low	BV81853	Chloroethane, Acrolein, Acetone	UJ

Continuing Calibration Verification (CCV):

1. CCV analyzed on 11/13/2016 @ 07:31 (CHEM03) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.
2. CCV analyzed on 11/13/2016 @ 19:05 (CHEM03) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$ with the following exception(s):

Compound	RRF	%D
1,2,4-Trichlorobenzene	A	33.5
1,2,3-Trichlorobenzene	A	30.3

A= Acceptable

- (1) Results for this compound were previously qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
15B5 (12-14) LL	BV81836	1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B8 (0-2)	BV21838	1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B11 (3-5)	BV81841	1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B14 (1-3) LL	BV81846	1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B14 (12-14)	BV81847	1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B12 (12-14) DL	BV81843	1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B11 (0-2) DL	BV81840	1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ

3. CCV analyzed on 11/14/2016 @ 06:08 (CHEM03) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$ with the following exception(s):

Compound	RRF	%D
Acetone ¹	A	21.6
Methyl Ethyl Ketone	A	36.5
1,2,4-Trichlorobenzene	A	23.0

A= Acceptable

(1) Results for this compound were previously qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
15B5 (12-14) LL	BV81836	Acetone, 1,2,4-Trichlorobenzene Methyl Ethyl Ketone	UJ J
15B8 (0-2)	BV21838	Acetone, 1,2,4-Trichlorobenzene, Methyl Ethyl Ketone	UJ
15B11 (3-5)	BV81841	Acetone, 1,2,4-Trichlorobenzene, Methyl Ethyl Ketone	UJ J
15B14 (1-3) LL	BV81846	Acetone, 1,2,4-Trichlorobenzene, Methyl Ethyl Ketone	UJ
15B14 (12-14)	BV81847	Acetone, 1,2,4-Trichlorobenzene, Methyl Ethyl Ketone	UJ
15B12 (12-14) DL	BV81843	Acetone, 1,2,4-Trichlorobenzene, Methyl Ethyl Ketone	UJ
15B11 (0-2) DL	BV81840	Acetone, 1,2,4-Trichlorobenzene, Methyl Ethyl Ketone	UJ

- CCV analyzed on 11/14/2016 @ 08:01 (CHEM03) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.
- CCV analyzed on 11/14/2016 @ 19:35 (CHEM03) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$ with the following exception(s):

Compound	RRF	%D
Dichlorodifluoromethane	A	22.5
Chloromethane	A	23.2
Acrolein	A	27.8
Acetone	A	24.7
Methyl Ethyl Ketone	A	24.7
1,3-Dichlorobenzene	A	20.8
1,4-Dichlorobenzene	A	21.2
1,2,4-Trichlorobenzene	A	25.1
1,2,3-Trichlorobenzene	A	22.1

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15B13 (12-14)	BV81845	Acetone Dichlorodifluoromethane, Chloromethane, Acrolein, Methyl Ethyl Ketone, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	J ¹ UJ UJ UJ UJ

(1) Results for this compound were previously qualified due to ICV criteria.

Surrogates:

1. All surrogates %RECs values for all soil samples and associated QC were within the laboratory control limits. No qualifications were required.

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all three internal standards within the QC limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BV78555 Blank) analyzed on 11/14/2016 was free of contamination. No qualifications were required.
2. Method Blank (BV81838 Blank) analyzed on 11/13/2016 was free of contamination. No qualifications were required.
3. Method Blank (BV81851 Blank) analyzed on 11/13/2016 was free of contamination. No qualifications were required.
4. Trip Blank High (BV81852) analyzed on 11/13/2016 was free of contamination. No qualifications were required.
5. Trip Blank Low (BV81853) analyzed on 11/13/2016 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Sample ID: BV78555 were analyzed on 11/14/2016. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Acetone	66/69/A	15B13 (12-14)	J ¹

A= Acceptable

(1) Results for this compound were previously qualified due to ICV/CCV criteria.

2. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Sample ID: BV81838 were analyzed on 11/13/2016. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Acetone	60/66/A	15B5 (12-14) LL, 15B8 (0-2) HL, 15B8 (0-2), 15B11 (3-5), 15B14 (1-3) LL, 15B14 (12-14), 15B12 (12-14) DL, 15B11 (0-2) DL	UJ/J ¹
Methyl Ethyl Ketone	66/A/A	15B8 (0-2) HL, 15B8 (0-2), 15B14 (1-3) LL, 15B14 (12-14), 15B12 (12-14) DL, 15B11 (0-2) DL 15B11 (3-5), 15B5 (12-14) LL	UJ ¹ UJ ¹ J ¹

A= Acceptable

(1) Results for this compound were previously qualified due to CCV criteria.

3. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Sample ID: BV81851 were analyzed on 11/13/2016. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Acetone	65/67/A	Trip Blank Low, Trip Blank High, 15B5 (0-2), 15B5 (15-17), 15B8 (12-14), 15B11 (12-14), 15B12 (20-22), 15B14 (14-16), 15B20 (0-2), 15B20 (12-14), SOIL DUPLICATE, 15B5 (12-14) HL, 15B11 (0-2), 15B12 (12-14), 15B14 (1-3) HL	UJ/J ¹
Methyl Ethyl Ketone	66/A/A	Trip Blank Low, Trip Blank High, 15B5 (0-2), 15B5 (15-17), 15B8 (12-14), 15B11 (12-14), 15B12 (20-22), 15B14 (14-16), 15B20 (0-2), 15B20 (12-14), SOIL DUPLICATE, 15B5 (12-14) HL, 15B11 (0-2), 15B12 (12-14), 15B14 (1-3) HL	UJ

A= Acceptable

(1) Results for this compound were previously qualified due to CCV criteria.

Field Duplicate:

1. Sample SOIL DUPLICATE (BV81851) was collected as a field duplicate of sample 15B20 (12-14) (BV81850). Results for both samples were non-detect. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) was performed on sample 15B8 (0-2) (BV21838). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R	Sample Affected	Action
Chloroethane	45/46/A	15B6 (12-14)	UJ ¹
Trichlorofluoromethane	31/30/A	15B6 (12-14)	UJ
Acetone	43/41/A	15B6 (12-14)	UJ ¹

A= Acceptable

(1) Results for these compounds were qualified previously due to ICV/CCV criteria.

2. Matrix Spike (MS) was performed on sample SOIL DUPLICATE (BV81851). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R	Sample Affected	Action
Methyl Ethyl Ketone	62/60/A	SOIL DUPLICATE	J ¹
4-Methyl-2-Pentanone	A/69/A	SOIL DUPLICATE	UJ ¹
2-Hexanone	69/68/A	SOIL DUPLICATE	UJ
1,2,4-Trichlorobenzene	67/62/A	SOIL DUPLICATE	UJ
1,2,3-Trichlorobenzene	A/66/A	SOIL DUPLICATE	UJ

A= Acceptable

(1) Results for this compound was qualified previously due to ICV/CCV criteria.

Target Compound Identification:

1. All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).
2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range. No qualifications were required.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:

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

C_x = concentration of analyte as ug/kg

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

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

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

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

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

BV78555 LCS

Carbon disulfide

Sample weight= 5.0g

Volume purged=5.0ml

DF = 1

%Solids=NA

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{291083 \times 50 \times 1 \times 5.0}{286511 \times 0.999 \times 5.0} = 50.85 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Carbon disulfide	51	51	0.0

Comments:

1. Volatile data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV81835.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV81835.

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV82267
Client: Environmental Business Consultants
Date: 02/17/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for eight (8) soil samples analyzed for PCBs by SW-846 Method 8082A in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/10/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/11/2016 for analysis.
3. The USEPA Region-II SOP HW-37, Revision 3, May 2013, Validating PCBs compounds by Gas Chromatography, SW-846 Method 8082A was used in evaluating the PCBs data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (see discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B5 (0-2)	BV81835	11/10/16	PCBs	Soil	
15B8 (12-14)	BV81839	11/10/16	PCBs	Soil	
15B11 (0-2)	BV81840	11/10/16	PCBs	Soil	
15B12 (12-14)	BV81843	11/10/16	PCBs	Soil	
15B13 (12-14)	BV81845	11/10/16	PCBs	Soil	
15B14 (1-3)	BV81846	11/10/16	PCBs	Soil	
15B20 (0-2)	BV81849	11/10/16	PCBs	Soil	
SOIL DUPLICATE	BV81851	11/10/16	PCBs	Soil	Field Duplicate to Sample 15B20 (0-2)

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/14/2016 (ECD24) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 11/15-16/2016 exhibited acceptable %Ds ($\leq 15.0\%$) for all compounds. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all soil samples and associated QC were within the laboratory control limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BV82268 BL) associated with the soil samples extracted on 11/14/2016 and analyzed on 11/15/2016 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with ID: BV81728 were analyzed on 11/14/2016. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.
2. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with ID: BV81845 were analyzed on 11/14/2016. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE (BV81851) was collected as a field duplicate of sample 15B20 (12-14) (BV81850). Both samples were non-detect for PCBS. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15B13 (12-14) (BV81845). All %RECs/RPDs were within the control limits. No qualifications were required.

Compound Quantitation, Compound Identification and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:

BV81728 LCS

Aroclor-1016

On Column concentration (B)= 339.259ng

Sample weight= 15.0g

DF= 10

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{405.415\text{ng} \times 5\text{ml} \times 10}{15.0\text{g}} = 1351.3\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Aroclor-1016	1350	1350	0.0

Comments:

1. PCBs data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV81835.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV81835.

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV81835
Client: Environmental Business Consultants
Date: 02/20/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for eight (8) soil samples analyzed for Pesticides by SW-846 Method 8081B in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/10/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/11/2016 for analysis.
3. The USEPA Region-II SOP HW-44, Revision 1, October 2006, Validating Pesticide compounds by Gas Chromatography, SW-846 Method 8081B was used in evaluating the Pesticides data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (See discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B5 (0-2)	BV81835	11/10/16	Pesticides	Soil	
15B8 (12-14)	BV81839	11/10/16	Pesticides	Soil	
15B11 (0-2)	BV81840	11/10/16	Pesticides	Soil	
15B12 (12-14)	BV81843	11/10/16	Pesticides	Soil	
15B13 (12-14)	BV81845	11/10/16	Pesticides	Soil	
15B14 (1-3)	BV81846	11/10/16	Pesticides	Soil	
15B20 (0-2)	BV81849	11/10/16	Pesticides	Soil	
SOIL DUPLICATE	BV81851	11/10/16	Pesticides	Soil	Field Duplicate to Sample 15B20 (0-2)

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/ECD Instrument Performance Check:

1. 4,4'-DDT and Endrin breakdown exhibited acceptable results ($\pm 20\%$). No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/15/2016 (ECD35) exhibited acceptable %RSD on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 11/15/2016 exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all soil samples were within the laboratory control limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BV81728 BL) associated with the soil samples extracted on 11/11/2016 and analyzed on 11/15/2016 was free of contamination. No qualifications were required.
2. Method Blank (BV81845 BL) associated with the soil samples extracted on 11/11/2016 and analyzed on 11/16/2016 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample associated with ID: BV81728 LCS was analyzed on 11/15/2016. All %RECs were within the laboratory control limits. No qualifications were required.
2. Laboratory Control Sample associated with ID: BV81728 LCS was analyzed on 11/15/2016. All %RECs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE (BV81851) was collected as a field duplicate of sample 15B20 (12-14) (BV81850). Both samples were non-detect for PCBS. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15B13 (12-14) (BV81845). All %RECs/RPDs were within the laboratory control. No qualifications were required.

Compound Quantitation, Compound Identification and Reported Detection Limits:

- 1. All sample results were reported within the linear calibration range.
- 2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
- 3. Manual Calculation:

BV82268 LCS

Alpha-BHC

On Column concentration (A) = 49.6055ng

Sample Weight= 15.0g

DF = 2

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{49.6055\text{ng} \times 5\text{ml} \times 2}{15.0\text{g}} = 33.07\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Alpha-BHC	33.1	33.1	0.0

Comments:

- 1. Pesticides data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
- 2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV81835.
- 3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV81835.



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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV81835
Client: Environmental Business Consultants
Date: 02/20/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for seventeen (17) soil samples analyzed for the following analyses:
 - 1.1 Trace Metals-ICP-AES by SW-846 Method 6010C.
 - 1.2 Mercury by SW-846 Method 7471A.
2. The samples were collected on 11/10/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/11/2016 for analysis.
3. The USEPA Region-II SOP No. HW-2a, Revision 15, December 2012, Validation of ICP-AES was used in evaluating the Trace Metals data and USEPA Region-II SOP No. HW-2c, Revision 15, December 2012, Validation of Mercury and Cyanide was used in evaluating the mercury data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (See discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B5 (0-2)	BV81835	11/10/16	ICP, CVAA	Soil	
15B5 (12-14)	BV81836	11/10/16	ICP, CVAA	Soil	
15B5 (15-17)	BV81837	11/10/16	ICP, CVAA	Soil	
15B8 (0-2)	BV81838	11/10/16	ICP, CVAA	Soil	
15B8 (12-14)	BV81839	11/10/16	ICP, CVAA	Soil	
15B11 (0-2)	BV81840	11/10/16	ICP, CVAA	Soil	
15B11 (3-5)	BV81841	11/10/16	ICP, CVAA	Soil	
15B11 (12-14)	BV81842	11/10/16	ICP, CVAA	Soil	
15B12 (12-14)	BV81843	11/10/16	ICP, CVAA	Soil	
15B12 (20-22)	BV81844	11/10/16	ICP, CVAA	Soil	
15B13 (12-14)	BV81845	11/10/16	ICP, CVAA	Soil	
15B14 (1-3)	BV81846	11/10/16	ICP, CVAA	Soil	
15B14 (12-14)	BV81847	11/10/16	ICP, CVAA	Soil	
15B14 (14-16)	BV81848	11/10/16	ICP, CVAA	Soil	
15B20 (0-2)	BV81849	11/10/16	ICP, CVAA	Soil	
15B20 (12-14)	BV81850	11/10/16	ICP, CVAA	Soil	
SOIL DUPLICATE	BV81851	11/10/16	ICP, CVAA	Soil	Field Duplicate to Sample 15B20 (12-14)

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were analyzed within the 6 months holding times for Trace Metals analysis by ICP-AES. No qualifications were required.
2. All soil samples were digested and analyzed within the 28 days holding times for Mercury analysis. No qualifications were required.

Initial and Continuing Calibration Verification (ICV and CCV):

ICP-AES:

1. All %RECs in the ICV and CCVs were within QC limits (90-110). No qualifications were required.

Mercury:

- 1 All correlation coefficient for Mercury calibration curve analyzed were ≥ 0.995 . No qualifications were required.
2. All ICVs and CCVs %REC values were within the QC limits (80-120%). No qualifications were required.

CRQL Check Standard (CRI):

1. All CRI analyzed %RECs were within the control limits (70-130%) with the following exception(s):

Analyte	Date Analyzed	Initial %R	Final %R	Sample Affected	Action
Iron	11/13/2016: 18:58	199.2	-	15B5 (15-17), 15B12 (12-14), 15B12 (20-22), 15B13 (12-14), 15B14 (14-16), 15B20 (12-14), SOIL DUPLICATE	J
	11/15/2016: 06:56	161.8	A	None	None
Copper	11/15/2016: 06:56	68.4	A	None	None
Mercury	11/14/2016: 09:34	64.4	A	15B5 (0-2), 15B8 (0-2), 15B11 (0-2), 15B14 (1-3) 15B20 (0-2) 15B5 (12-14), 15B5 (15-17), 15B8 (12-14) 15B11 (3-5), 15B11 (12-14), 15B12 (12-14) 15B12 (20-22), 15B13 (12-14), 15B14 (12-14) 15B14 (14-16), 15B20 (12-14) SOIL DUPLICATE	J J UJ UJ UJ UJ UJ

A=Acceptable

ICP-AES Interference Check Sample:

1. All %REC values were within the QC limits (80-120%) for ICSA and ICSAB. No qualifications were required.

Blanks (Method Blank, ICB and CCB):

ICP-AES:

1. Method Blank-Soil (BV81940) digested on 11/14/2016 was free of contamination. No qualifications were required.
2. All ICB and CCBs were free of contamination with the following exception(s):

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Calcium	79	50	None	None

*= If sample concentration >MDL but < Reporting limit, then sample result qualified as non-detect (U). If sample concentration greater than CRQL but less than 10x the blank result, then qualify estimated (J). If sample concentration greater than 10x the blank results or sample was not detected then no qualifications or action is required.

Mercury:

1. All ICB and CCBs were free of contamination. No qualifications were required.
2. Method Blank (BV80886) digested on 11/14/2016 was free of contamination. No qualifications were required.
3. Method Blank (BV80887) digested on 11/14/2016 was free of contamination. No qualifications were required.

Field Blank (FB) and Equipment Blank (EB):

1. Field Blanks were not submitted with this SDG.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

ICP-AES and Mercury:

1. Laboratory Control Sample %RECs were within the laboratory control limits (75-125%). No qualifications were required.



Field Duplicate:

1. Sample SOIL DUPLICATE (BV81851) was collected as a field duplicate of sample 15B20 (12-14) (BV81850). All of the RPDs were $\leq 50\%$ (or difference $> 2XCRDL$) with the exception of manganese.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	Difference	RPD	Qualifier
15B20 (12-14)	Aluminum	SW8466010B	3090	mg/Kg	SOIL DUPLICATE	3140	mg/Kg	NA	1.6	None
15B20 (12-14)	Barium	SW8466010B	20.0	mg/Kg	SOIL DUPLICATE	18.5	mg/Kg	NA	7.8	None
15B20 (12-14)	Beryllium	SW8466010B	0.15	mg/Kg	SOIL DUPLICATE	0.15	mg/Kg	NA	0.0	None
15B20 (12-14)	Calcium	SW8466010B	423	mg/Kg	SOIL DUPLICATE	468	mg/Kg	NA	10.1	None
15B20 (12-14)	Chromium	SW8466010B	5.66	mg/Kg	SOIL DUPLICATE	5.49	mg/Kg	NA	3.0	None
15B20 (12-14)	Cobalt	SW8466010B	3.22	mg/Kg	SOIL DUPLICATE	3.40	mg/Kg	NA	5.4	None
15B20 (12-14)	Copper	SW8466010B	5.90	mg/Kg	SOIL DUPLICATE	6.22	mg/Kg	NA	5.3	None
15B20 (12-14)	Iron	SW8466010B	7000	mg/Kg	SOIL DUPLICATE	7510	mg/Kg	NA	7.0	None
15B20 (12-14)	Lead	SW8466010B	1.2	mg/Kg	SOIL DUPLICATE	1.0	mg/Kg	0.2	NA	None
15B20 (12-14)	Magnesium	SW8466010B	1240	mg/Kg	SOIL DUPLICATE	1230	mg/Kg	NA	0.8	None
15B20 (12-14)	Manganese	SW8466010B	82.1	mg/Kg	SOIL DUPLICATE	219	mg/Kg	NA	90.9	J
15B20 (12-14)	Nickel	SW8466010B	6.18	mg/Kg	SOIL DUPLICATE	6.41	mg/Kg	NA	3.7	None
15B20 (12-14)	Potassium	SW8466010B	377	mg/Kg	SOIL DUPLICATE	344	mg/Kg	NA	9.2	None
15B20 (12-14)	Sodium	SW8466010B	60	mg/Kg	SOIL DUPLICATE	59	mg/Kg	NA	1.7	None
15B20 (12-14)	Vanadium	SW8466010B	7.69	mg/Kg	SOIL DUPLICATE	8.92	mg/Kg	NA	14.8	None
15B20 (12-14)	Zinc	SW8466010B	11.9	mg/Kg	SOIL DUPLICATE	12.3	mg/Kg	NA	3.3	None

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

ICP-AES and Mercury:

1. Matrix Spike (MS) was not performed on sample from this SDG.

Sample Duplicate:

ICP-AES and Mercury:

1. Laboratory Duplicate was not performed on sample from this SDG.

ICP-AES Serial Dilution:

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

Verification of Instrumental Parameters:

1. The following Forms were present in the data package:
 - 1.1 Method Detection Limits, Form- X.
 - 1.2 ICP-AES Interelement Correction Factors, Form -XIA and Form-XIB.
 - 1.3 ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual calculation:

Sample: 15B5 (0-2) (BV81835)

Lead

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

V= 50ml

W= 0.75g

%Solids =91.0

DF=10.0

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{311.493ug/L \times 50 \times 10.0 \times 1L \times 1000g \times 1mg}{0.75 \times 0.91 \times 1000ml \times 1 \text{ kg} \times 1000ug} = 228.2 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Lead	228	228	0.0

Comments:

1. Trace Metals data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV81835.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV81835.



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV81835

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B5 (0-2)	BV81835	E160.3	11/10/2016	1	SOLIDS, PERCENT	91	%			
15B5 (0-2)	BV81835	SW6010	11/10/2016	10	Aluminum	6370	mg/Kg		7.3	37
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Antimony		mg/Kg	U	1.9	1.9
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Arsenic	5.88	mg/Kg		0.73	0.73
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Barium	91.2	mg/Kg		0.37	0.7
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Beryllium	0.36	mg/Kg		0.15	0.29
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Cadmium	0.98	mg/Kg		0.37	0.37
15B5 (0-2)	BV81835	SW6010	11/10/2016	10	Calcium	15400	mg/Kg		34	37
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Chromium	15.1	mg/Kg		0.37	0.37
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Cobalt	5.15	mg/Kg		0.37	0.37
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Copper	71.0	mg/Kg		0.37	0.37
15B5 (0-2)	BV81835	SW6010	11/10/2016	10	Iron	15300	mg/Kg		37	37
15B5 (0-2)	BV81835	SW6010	11/10/2016	10	Lead	228	mg/Kg		3.7	7.3
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Magnesium	5190	mg/Kg		3.7	3.7
15B5 (0-2)	BV81835	SW6010	11/10/2016	10	Manganese	309	mg/Kg		3.7	3.7
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Nickel	13.9	mg/Kg		0.37	0.37
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Potassium	710	mg/Kg		2.9	7
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.2	1.5
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.37	0.37
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Sodium	132	mg/Kg		3.2	7
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.5	1.5
15B5 (0-2)	BV81835	SW6010	11/10/2016	1	Vanadium	20.6	mg/Kg		0.37	0.37
15B5 (0-2)	BV81835	SW6010	11/10/2016	10	Zinc	261	mg/Kg		3.7	7.3
15B5 (0-2)	BV81835	SW7471	11/10/2016	1	Mercury	0.49	mg/Kg	J	0.02	0.03
15B5 (0-2)	BV81835	SW8081	11/10/2016	10	4,4' -DDD	100	ug/Kg		11	11
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	4,4' -DDE	72	ug/Kg		2.2	2.2
15B5 (0-2)	BV81835	SW8081	11/10/2016	10	4,4' -DDT	76	ug/Kg		11	11
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	a-BHC		ug/Kg	U	7.2	7.2
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	a-Chlordane		ug/Kg	U	3.6	3.6
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	Aldrin		ug/Kg	U	3.6	3.6
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	b-BHC		ug/Kg	U	7.2	7.2
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	Chlordane		ug/Kg	U	36	36
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	d-BHC		ug/Kg	U	7.2	7.2
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	Dieldrin		ug/Kg	U	3.6	3.6
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	Endosulfan I		ug/Kg	U	7.2	7.2
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	Endosulfan II		ug/Kg	U	7.2	7.2
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	Endosulfan sulfate		ug/Kg	U	7.2	7.2
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	Endrin		ug/Kg	U	7.2	7.2



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	Endrin aldehyde		ug/Kg	U	7.2	7.2
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	Endrin ketone		ug/Kg	U	7.2	7.2
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	g-BHC		ug/Kg	U	1.4	1.4
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	g-Chlordane		ug/Kg	U	3.6	3.6
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	Heptachlor		ug/Kg	U	7.2	7.2
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	Heptachlor epoxide		ug/Kg	U	7.2	7.2
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	Methoxychlor		ug/Kg	U	36	36
15B5 (0-2)	BV81835	SW8081	11/10/2016	2	Toxaphene		ug/Kg	U	140	140
15B5 (0-2)	BV81835	SW8082	11/10/2016	2	PCB-1016		ug/Kg	U	72	72
15B5 (0-2)	BV81835	SW8082	11/10/2016	2	PCB-1221		ug/Kg	U	72	72
15B5 (0-2)	BV81835	SW8082	11/10/2016	2	PCB-1232		ug/Kg	U	72	72
15B5 (0-2)	BV81835	SW8082	11/10/2016	2	PCB-1242		ug/Kg	U	72	72
15B5 (0-2)	BV81835	SW8082	11/10/2016	2	PCB-1248		ug/Kg	U	72	72
15B5 (0-2)	BV81835	SW8082	11/10/2016	2	PCB-1254		ug/Kg	U	72	72
15B5 (0-2)	BV81835	SW8082	11/10/2016	2	PCB-1260		ug/Kg	U	72	72
15B5 (0-2)	BV81835	SW8082	11/10/2016	2	PCB-1262		ug/Kg	U	72	72
15B5 (0-2)	BV81835	SW8082	11/10/2016	2	PCB-1268		ug/Kg	U	72	72
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.86	17
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.43	4.3



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15B5 (0-2)	BV81835	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	34	64
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	4.3	21
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	U	4.3	21
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Acetone		ug/Kg	UJ	4.3	21
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	2.1	17
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.43	17
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Benzene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	1.7	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Carbon Disulfide		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Ethylbenzene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	m&p-Xylene		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	4.3	26
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.86	8.6
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	4.3	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	0.86	4.3



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	o-Xylene		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Tert-butyl alcohol		ug/Kg	U	17	86
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.1	8.6
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Toluene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.1	8.6
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	0.86	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.43	4.3
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	130	180
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	90	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	U	250	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	100	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	100	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	2-Methylnaphthalene	420	ug/Kg		110	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	250	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	230	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	720	360
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	72	220
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	170	290
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	120	360
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	160	360
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Acenaphthene	120	ug/Kg	J	110	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Acenaphthylene	240	ug/Kg	J	100	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	110	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Aniline		ug/Kg	U	290	290
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Anthracene	250	ug/Kg	J	120	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Benz(a)anthracene	550	ug/Kg		120	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Benzidine		ug/Kg	U	210	360
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Benzo(a)pyrene	700	ug/Kg		120	180
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Benzo(b)fluoranthene	800	ug/Kg		120	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Benzo(ghi)perylene	390	ug/Kg		120	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Benzo(k)fluoranthene	700	ug/Kg		120	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	U	720	1800
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Benzyl butyl phthalate	440	ug/Kg		93	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	98	180
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate	110	ug/Kg	J	100	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	140	180
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Chrysene	690	ug/Kg		120	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Dibenz(a,h)anthracene	120	ug/Kg	J	120	180
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Dibenzofuran	160	ug/Kg	J	110	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	110	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	110	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	96	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	93	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Fluoranthene	620	ug/Kg		120	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Fluorene	140	ug/Kg	J	120	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	110	180
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	130	250



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	110	180
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene	530	ug/Kg		120	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	100	180
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Naphthalene	520	ug/Kg		100	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	130	180
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	130	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	140	220
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Phenanthrene	620	ug/Kg		100	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Phenol		ug/Kg	U	120	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Pyrene	650	ug/Kg		120	250
15B5 (0-2)	BV81835	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	89	250
15B5 (12-14)	BV81836	E160.3	11/10/2016	1	SOLIDS, PERCENT	90	%			
15B5 (12-14)	BV81836	SW6010	11/10/2016	10	Aluminum	4610	mg/Kg		7.6	38
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Antimony		mg/Kg	U	1.8	1.8
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Arsenic	0.89	mg/Kg		0.76	0.76
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Barium	24.6	mg/Kg		0.38	0.8
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Beryllium	0.22	mg/Kg	J	0.15	0.30
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Cadmium		mg/Kg	U	0.38	0.38
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Calcium	1070	mg/Kg		3.5	3.8
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Chromium	9.97	mg/Kg		0.38	0.38
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Cobalt	9.15	mg/Kg		0.38	0.38
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Copper	6.78	mg/Kg		0.38	0.38
15B5 (12-14)	BV81836	SW6010	11/10/2016	10	Iron	12100	mg/Kg		38	38
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Lead	1.4	mg/Kg		0.36	0.7
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Magnesium	2050	mg/Kg		3.8	3.8
15B5 (12-14)	BV81836	SW6010	11/10/2016	10	Manganese	694	mg/Kg		3.8	3.8
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Nickel	8.26	mg/Kg		0.38	0.38
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Potassium	844	mg/Kg		3.0	8
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.3	1.5
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.38	0.38
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Sodium	108	mg/Kg		3.3	8
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.5	1.5
15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Vanadium	12.6	mg/Kg		0.38	0.38



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15B5 (12-14)	BV81836	SW6010	11/10/2016	1	Zinc	19.6	mg/Kg		0.38	0.8
15B5 (12-14)	BV81836	SW7471	11/10/2016	1	Mercury		mg/Kg	UJ	0.02	0.03
15B5 (12-14)	BV81836	SW8082	11/10/2016	2	PCB-1016		ug/Kg	U	74	74
15B5 (12-14)	BV81836	SW8082	11/10/2016	2	PCB-1221		ug/Kg	U	74	74
15B5 (12-14)	BV81836	SW8082	11/10/2016	2	PCB-1232		ug/Kg	U	74	74
15B5 (12-14)	BV81836	SW8082	11/10/2016	2	PCB-1242		ug/Kg	U	74	74
15B5 (12-14)	BV81836	SW8082	11/10/2016	2	PCB-1248		ug/Kg	U	74	74
15B5 (12-14)	BV81836	SW8082	11/10/2016	2	PCB-1254		ug/Kg	U	74	74
15B5 (12-14)	BV81836	SW8082	11/10/2016	2	PCB-1260		ug/Kg	U	74	74
15B5 (12-14)	BV81836	SW8082	11/10/2016	2	PCB-1262		ug/Kg	U	74	74
15B5 (12-14)	BV81836	SW8082	11/10/2016	2	PCB-1268		ug/Kg	U	74	74
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.66	13
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	UJ	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	26	49
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	3.3	16
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.33	3.3



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15B5 (12-14)	BV81836	SW8260	11/10/2016	1	4-Methyl-2-pentanone	9.7	ug/Kg	J	3.3	16
15B5 (12-14)	BV81836	SW8260	11/10/2016	50	Acetone	560	ug/Kg	J	260	260
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	1.6	13
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.33	13
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Benzene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	1.3	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Carbon Disulfide	1.9	ug/Kg	J	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Ethylbenzene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	m&p-Xylene		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Methyl Ethyl Ketone	19	ug/Kg	J	3.3	20
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.66	6.6
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	3.3	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	o-Xylene		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Tert-butyl alcohol		ug/Kg	U	13	66
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.33	3.3



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15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	1.6	6.6
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Toluene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	1.6	6.6
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	0.66	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.33	3.3
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	130	180
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	89	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	U	250	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	100	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	100	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	2-Methylnaphthalene		ug/Kg	U	110	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	250	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	230	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	720	360
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	72	220
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	170	290
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	120	360
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	160	360
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	110	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	100	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	110	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Aniline		ug/Kg	U	290	290
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	120	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Benz(a)anthracene		ug/Kg	U	120	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Benzidine		ug/Kg	U	210	360
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Benzo(a)pyrene		ug/Kg	U	120	180
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Benzo(ghi)perylene		ug/Kg	U	120	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	U	720	1800
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	93	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	97	180
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	140	180
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Chrysene		ug/Kg	U	120	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	110	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	110	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	110	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	96	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	93	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Fluoranthene		ug/Kg	U	120	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	120	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	110	180
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	130	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	110	180
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	100	180
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Naphthalene		ug/Kg	U	100	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	130	180



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	130	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	140	220
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Phenanthrene		ug/Kg	U	100	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Phenol		ug/Kg	U	120	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Pyrene		ug/Kg	U	120	250
15B5 (12-14)	BV81836	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	89	250
15B5 (15-17)	BV81837	E160.3	11/10/2016	1	SOLIDS, PERCENT	85	%			
15B5 (15-17)	BV81837	SW6010	11/10/2016	10	Aluminum	2810	mg/Kg		7.9	40
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Antimony		mg/Kg	U	1.9	1.9
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Arsenic		mg/Kg	U	0.79	0.79
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Barium	16.2	mg/Kg		0.40	0.8
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Beryllium		mg/Kg	U	0.16	0.32
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Cadmium		mg/Kg	U	0.40	0.40
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Calcium	317	mg/Kg		3.7	4.0
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Chromium	5.31	mg/Kg		0.40	0.40
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Cobalt	2.69	mg/Kg		0.40	0.40
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Copper	4.65	mg/Kg		0.40	0.40
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Iron	5430	mg/Kg	J	4.0	4.0
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Lead	0.7	mg/Kg	J	0.40	0.8
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Magnesium	1160	mg/Kg		4.0	4.0
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Manganese	106	mg/Kg		0.40	0.40
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Nickel	5.23	mg/Kg		0.40	0.40
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Potassium	351	mg/Kg		3.1	8
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.4	1.6
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.40	0.40
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Sodium	69	mg/Kg		3.4	8
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.6	1.6
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Vanadium	6.39	mg/Kg		0.40	0.40
15B5 (15-17)	BV81837	SW6010	11/10/2016	1	Zinc	10.9	mg/Kg		0.40	0.8
15B5 (15-17)	BV81837	SW7471	11/10/2016	1	Mercury		mg/Kg	UJ	0.02	0.03
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.92	18
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.92	4.6



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	37	69
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	4.6	23
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	U	4.6	23
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Acetone	12	ug/Kg	J	4.6	23
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	2.3	18
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.46	18
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Benzene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	1.8	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Carbon Disulfide		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.46	4.6



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Ethylbenzene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	m&p-Xylene		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	4.6	28
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.92	9.2
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	4.6	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	o-Xylene		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Tert-butyl alcohol		ug/Kg	U	18	92
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.3	9.2
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Toluene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.3	9.2
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	0.92	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.46	4.6
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	110	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	1,3-Dichlorobenzene		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
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	110	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	210	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	190
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	96	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	U	270	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	110	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	110	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	2-Methylnaphthalene		ug/Kg	U	110	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	270	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	240	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	770	390
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	77	230
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	180	310
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	130	390
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	170	390
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	120	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	110	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	120	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Aniline		ug/Kg	U	310	310
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	130	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Benz(a)anthracene		ug/Kg	U	130	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Benzidine		ug/Kg	U	230	390
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Benzo(a)pyrene		ug/Kg	U	130	190
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Benzo(b)fluoranthene		ug/Kg	U	130	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Benzo(ghi)perylene		ug/Kg	U	120	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	U	770	1900
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	99	270



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	150	190
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Chrysene		ug/Kg	U	130	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	120	190
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	110	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	120	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	120	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	100	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	99	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Fluoranthene		ug/Kg	U	120	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	130	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	110	190
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	140	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	120	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	120	190
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	110	190
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Naphthalene		ug/Kg	U	110	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	130	190
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	140	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	150	230
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Phenanthrene		ug/Kg	U	110	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Phenol		ug/Kg	U	120	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Pyrene		ug/Kg	U	130	270
15B5 (15-17)	BV81837	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	95	270
15B8 (0-2)	BV81838	E160.3	11/10/2016	1	SOLIDS, PERCENT	88	%			
15B8 (0-2)	BV81838	SW6010	11/10/2016	10	Aluminum	7470	mg/Kg		7.4	37
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Antimony		mg/Kg	U	1.9	1.9
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Arsenic	6.00	mg/Kg		0.74	0.74
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Barium	76.4	mg/Kg		0.37	0.7
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Beryllium	0.44	mg/Kg		0.15	0.30



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Cadmium	0.67	mg/Kg		0.37	0.37
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Calcium	1870	mg/Kg		3.4	3.7
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Chromium	14.9	mg/Kg		0.37	0.37
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Cobalt	5.99	mg/Kg		0.37	0.37
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Copper	68.1	mg/Kg		0.37	0.37
15B8 (0-2)	BV81838	SW6010	11/10/2016	10	Iron	13500	mg/Kg		37	37
15B8 (0-2)	BV81838	SW6010	11/10/2016	10	Lead	196	mg/Kg		3.7	7.4
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Magnesium	1470	mg/Kg		3.7	3.7
15B8 (0-2)	BV81838	SW6010	11/10/2016	10	Manganese	271	mg/Kg		3.7	3.7
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Nickel	14.7	mg/Kg		0.37	0.37
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Potassium	570	mg/Kg		2.9	7
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.3	1.5
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.37	0.37
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Sodium	91	mg/Kg		3.2	7
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.5	1.5
15B8 (0-2)	BV81838	SW6010	11/10/2016	1	Vanadium	16.0	mg/Kg		0.37	0.37
15B8 (0-2)	BV81838	SW6010	11/10/2016	10	Zinc	269	mg/Kg		3.7	7.4
15B8 (0-2)	BV81838	SW7471	11/10/2016	1	Mercury	0.45	mg/Kg	J	0.02	0.03
15B8 (0-2)	BV81838	SW8082	11/10/2016	2	PCB-1016		ug/Kg	U	75	75
15B8 (0-2)	BV81838	SW8082	11/10/2016	2	PCB-1221		ug/Kg	U	75	75
15B8 (0-2)	BV81838	SW8082	11/10/2016	2	PCB-1232		ug/Kg	U	75	75
15B8 (0-2)	BV81838	SW8082	11/10/2016	2	PCB-1242		ug/Kg	U	75	75
15B8 (0-2)	BV81838	SW8082	11/10/2016	2	PCB-1248		ug/Kg	U	75	75
15B8 (0-2)	BV81838	SW8082	11/10/2016	2	PCB-1254		ug/Kg	U	75	75
15B8 (0-2)	BV81838	SW8082	11/10/2016	2	PCB-1260		ug/Kg	U	75	75
15B8 (0-2)	BV81838	SW8082	11/10/2016	2	PCB-1262		ug/Kg	U	75	75
15B8 (0-2)	BV81838	SW8082	11/10/2016	2	PCB-1268		ug/Kg	U	75	75
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.1	21
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	UJ	1.1	5.3



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15B8 (0-2)	BV81838	SW8260	11/10/2016	50	1,2,4-Trimethylbenzene	520	ug/Kg		33	330
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	50	1,3,5-Trimethylbenzene	350	ug/Kg		33	330
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	43	80
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	5.3	27
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	U	5.3	27
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Acetone		ug/Kg	UJ	5.3	27
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	2.7	21
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.53	21
15B8 (0-2)	BV81838	SW8260	11/10/2016	50	Benzene	110	ug/Kg		33	60
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	2.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Carbon Disulfide		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Dichlorodifluoromethane		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
15B8 (0-2)	BV81838	SW8260	11/10/2016	50	Ethylbenzene	220	ug/Kg	J	33	330
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	50	Isopropylbenzene	61	ug/Kg	J	33	330
15B8 (0-2)	BV81838	SW8260	11/10/2016	50	m&p-Xylene	580	ug/Kg		67	330
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	5.3	32
15B8 (0-2)	BV81838	SW8260	11/10/2016	50	Methyl t-butyl ether (MTBE)	140	ug/Kg	J	67	670
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	5.3	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	50	o-Xylene	100	ug/Kg	J	67	330
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Tert-butyl alcohol		ug/Kg	U	21	110
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.7	11
15B8 (0-2)	BV81838	SW8260	11/10/2016	50	Toluene	85	ug/Kg	J	33	330
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.7	11
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	UJ	1.1	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.53	5.3
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	100	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	130	190
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	92	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	U	260	260



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	110	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	110	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	2-Methylnaphthalene		ug/Kg	U	110	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	260	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	230	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	190
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	740	370
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	74	220
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	170	300
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	120	370
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	170	370
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	110	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	100	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	120	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Aniline		ug/Kg	U	300	300
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	120	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Benz(a)anthracene	230	ug/Kg	J	120	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Benzidine		ug/Kg	U	220	370
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Benzo(a)pyrene	240	ug/Kg		120	190
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Benzo(b)fluoranthene	220	ug/Kg	J	130	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Benzo(ghi)perylene		ug/Kg	U	120	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Benzo(k)fluoranthene	220	ug/Kg	J	120	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	U	740	1900
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	96	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	150	190
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Chrysene	280	ug/Kg		120	260



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	120	190
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	110	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	120	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	110	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	99	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	96	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Fluoranthene	510	ug/Kg		120	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	120	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	110	190
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	130	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	110	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	110	190
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene	150	ug/Kg	J	120	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	100	190
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Naphthalene		ug/Kg	U	110	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	130	190
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	100	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	140	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	140	220
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Phenanthrene	530	ug/Kg		110	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Phenol		ug/Kg	U	120	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Pyrene	460	ug/Kg		130	260
15B8 (0-2)	BV81838	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	91	260
15B8 (12-14)	BV81839	E160.3	11/10/2016	1	SOLIDS, PERCENT	82	%			
15B8 (12-14)	BV81839	SW6010	11/10/2016	10	Aluminum	4390	mg/Kg		8.4	42
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Antimony		mg/Kg	U	2.1	2.1
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Arsenic	1.11	mg/Kg		0.84	0.84
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Barium	38.6	mg/Kg		0.42	0.8
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Beryllium	0.21	mg/Kg	J	0.17	0.33
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Cadmium		mg/Kg	U	0.42	0.42
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Calcium	1100	mg/Kg		3.8	4.2
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Chromium	9.81	mg/Kg		0.42	0.42
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Cobalt	4.95	mg/Kg		0.42	0.42
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Copper	8.44	mg/Kg		0.42	0.42
15B8 (12-14)	BV81839	SW6010	11/10/2016	10	Iron	10700	mg/Kg		42	42



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Lead	1.2	mg/Kg		0.41	0.8
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Magnesium	2030	mg/Kg		4.2	4.2
15B8 (12-14)	BV81839	SW6010	11/10/2016	10	Manganese	199	mg/Kg		4.2	4.2
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Nickel	9.57	mg/Kg		0.42	0.42
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Potassium	909	mg/Kg		3.3	8
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.4	1.7
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.42	0.42
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Sodium	109	mg/Kg		3.6	8
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.7	1.7
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Vanadium	15.3	mg/Kg		0.42	0.42
15B8 (12-14)	BV81839	SW6010	11/10/2016	1	Zinc	21.0	mg/Kg		0.42	0.8
15B8 (12-14)	BV81839	SW7471	11/10/2016	1	Mercury		mg/Kg	UJ	0.02	0.03
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	4,4' -DDD		ug/Kg	U	2.4	2.4
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	4,4' -DDE		ug/Kg	U	2.4	2.4
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	4,4' -DDT		ug/Kg	U	2.4	2.4
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	a-BHC		ug/Kg	U	7.9	7.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	a-Chlordane		ug/Kg	U	3.9	3.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	Aldrin		ug/Kg	U	3.9	3.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	b-BHC		ug/Kg	U	7.9	7.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	Chlordane		ug/Kg	U	39	39
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	d-BHC		ug/Kg	U	7.9	7.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	Dieldrin		ug/Kg	U	3.9	3.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	Endosulfan I		ug/Kg	U	7.9	7.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	Endosulfan II		ug/Kg	U	7.9	7.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	Endosulfan sulfate		ug/Kg	U	7.9	7.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	Endrin		ug/Kg	U	7.9	7.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	Endrin aldehyde		ug/Kg	U	7.9	7.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	Endrin ketone		ug/Kg	U	7.9	7.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	g-BHC		ug/Kg	U	1.6	1.6
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	g-Chlordane		ug/Kg	U	3.9	3.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	Heptachlor		ug/Kg	U	7.9	7.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	Heptachlor epoxide		ug/Kg	U	7.9	7.9
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	Methoxychlor		ug/Kg	U	39	39
15B8 (12-14)	BV81839	SW8081	11/10/2016	2	Toxaphene		ug/Kg	U	160	160
15B8 (12-14)	BV81839	SW8082	11/10/2016	2	PCB-1016		ug/Kg	U	79	79
15B8 (12-14)	BV81839	SW8082	11/10/2016	2	PCB-1221		ug/Kg	U	79	79
15B8 (12-14)	BV81839	SW8082	11/10/2016	2	PCB-1232		ug/Kg	U	79	79



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B8 (12-14)	BV81839	SW8082	11/10/2016	2	PCB-1242		ug/Kg	U	79	79
15B8 (12-14)	BV81839	SW8082	11/10/2016	2	PCB-1248		ug/Kg	U	79	79
15B8 (12-14)	BV81839	SW8082	11/10/2016	2	PCB-1254		ug/Kg	U	79	79
15B8 (12-14)	BV81839	SW8082	11/10/2016	2	PCB-1260		ug/Kg	U	79	79
15B8 (12-14)	BV81839	SW8082	11/10/2016	2	PCB-1262		ug/Kg	U	79	79
15B8 (12-14)	BV81839	SW8082	11/10/2016	2	PCB-1268		ug/Kg	U	79	79
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.1	21
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	42	80
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	5.3	27
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	U	5.3	27
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Acetone	9.5	ug/Kg	J	5.3	27
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	2.7	21
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.53	21
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Benzene		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
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	2.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Carbon Disulfide		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Ethylbenzene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	m&p-Xylene		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	5.3	32
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Methyl t-butyl ether (MTBE)	2.2	ug/Kg	J	1.1	11
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	5.3	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	o-Xylene		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Tert-butyl alcohol		ug/Kg	U	21	110
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.7	11
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Toluene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		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
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.7	11
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	1.1	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.53	5.3
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	110	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	120	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	120	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	100	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	U	280	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	200
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	200
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	110	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	110	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	2-Methylnaphthalene		ug/Kg	U	120	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	280	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	250	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	800	400
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	80	240
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	190	320
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	140	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	130	400
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	180	400
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	120	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	110	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	130	280



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Aniline		ug/Kg	U	320	320
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	130	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Benz(a)anthracene		ug/Kg	U	140	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Benzidine		ug/Kg	U	240	400
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	U	800	2000
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	160	200
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Chrysene		ug/Kg	U	140	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	120	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	130	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	120	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	110	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	100	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Fluoranthene		ug/Kg	U	130	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	130	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	120	200
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	150	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	120	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	110	200
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Naphthalene		ug/Kg	U	120	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	150	240



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Phenanthrene		ug/Kg	U	110	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Phenol		ug/Kg	U	130	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Pyrene		ug/Kg	U	140	280
15B8 (12-14)	BV81839	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	99	280
15B11 (0-2)	BV81840	E160.3	11/10/2016	1	SOLIDS, PERCENT	89	%			
15B11 (0-2)	BV81840	SW6010	11/10/2016	10	Aluminum	7940	mg/Kg		6.9	34
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Antimony	7.5	mg/Kg		1.7	1.7
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Arsenic	7.69	mg/Kg		0.69	0.69
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Barium	446	mg/Kg		0.34	0.7
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Beryllium	0.39	mg/Kg		0.14	0.27
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Cadmium	7.67	mg/Kg		0.34	0.34
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Calcium	6970	mg/Kg		3.2	3.4
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Chromium	31.9	mg/Kg		0.34	0.34
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Cobalt	8.49	mg/Kg		0.34	0.34
15B11 (0-2)	BV81840	SW6010	11/10/2016	10	Copper	266	mg/Kg		3.4	3.4
15B11 (0-2)	BV81840	SW6010	11/10/2016	10	Iron	25900	mg/Kg		34	34
15B11 (0-2)	BV81840	SW6010	11/10/2016	10	Lead	754	mg/Kg		3.4	6.9
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Magnesium	2380	mg/Kg		3.4	3.4
15B11 (0-2)	BV81840	SW6010	11/10/2016	10	Manganese	403	mg/Kg		3.4	3.4
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Nickel	29.0	mg/Kg		0.34	0.34
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Potassium	861	mg/Kg		2.7	7
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.2	1.4
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Silver	0.72	mg/Kg		0.34	0.34
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Sodium	189	mg/Kg		2.9	7
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.4	1.4
15B11 (0-2)	BV81840	SW6010	11/10/2016	1	Vanadium	25.6	mg/Kg		0.34	0.34
15B11 (0-2)	BV81840	SW6010	11/10/2016	10	Zinc	1100	mg/Kg		3.4	6.9
15B11 (0-2)	BV81840	SW7471	11/10/2016	1	Mercury	0.81	mg/Kg	J	0.02	0.03
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	4,4' -DDD		ug/Kg	U	30	30
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	4,4' -DDE		ug/Kg	U	15	15
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	4,4' -DDT		ug/Kg	U	20	20
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	a-BHC		ug/Kg	U	10	10
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	a-Chlordane		ug/Kg	U	3.7	3.7
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	Aldrin		ug/Kg	U	3.7	3.7
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	b-BHC		ug/Kg	U	7.5	7.5
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	Chlordane		ug/Kg	U	37	37
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	d-BHC		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
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	Dieldrin		ug/Kg	U	10	10
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	Endosulfan I		ug/Kg	U	7.5	7.5
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	Endosulfan II		ug/Kg	U	7.5	7.5
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	Endosulfan sulfate		ug/Kg	U	7.5	7.5
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	Endrin		ug/Kg	U	7.5	7.5
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	Endrin aldehyde		ug/Kg	U	20	20
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	Endrin ketone		ug/Kg	U	7.5	7.5
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	g-BHC		ug/Kg	U	1.5	1.5
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	g-Chlordane		ug/Kg	U	3.7	3.7
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	Heptachlor		ug/Kg	U	7.5	7.5
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	Heptachlor epoxide		ug/Kg	U	7.5	7.5
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	Methoxychlor		ug/Kg	U	37	37
15B11 (0-2)	BV81840	SW8081	11/10/2016	2	Toxaphene		ug/Kg	U	150	150
15B11 (0-2)	BV81840	SW8082	11/10/2016	2	PCB-1016		ug/Kg	U	75	75
15B11 (0-2)	BV81840	SW8082	11/10/2016	2	PCB-1221		ug/Kg	U	75	75
15B11 (0-2)	BV81840	SW8082	11/10/2016	2	PCB-1232		ug/Kg	U	75	75
15B11 (0-2)	BV81840	SW8082	11/10/2016	2	PCB-1242		ug/Kg	U	75	75
15B11 (0-2)	BV81840	SW8082	11/10/2016	2	PCB-1248		ug/Kg	U	75	75
15B11 (0-2)	BV81840	SW8082	11/10/2016	2	PCB-1254		ug/Kg	U	75	75
15B11 (0-2)	BV81840	SW8082	11/10/2016	2	PCB-1260	350	ug/Kg		75	75
15B11 (0-2)	BV81840	SW8082	11/10/2016	2	PCB-1262		ug/Kg	U	75	75
15B11 (0-2)	BV81840	SW8082	11/10/2016	2	PCB-1268		ug/Kg	U	75	75
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	72	1400
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,1,1-Trichloroethane		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,1,2-Trichloroethane		ug/Kg	U	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,1-Dichloroethane		ug/Kg	U	72	270
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,1-Dichloroethene		ug/Kg	U	36	330
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,1-Dichloropropene		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,2,3-Trichlorobenzene		ug/Kg	UJ	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,2,3-Trichloropropane		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,2,4-Trichlorobenzene		ug/Kg	UJ	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	250	1,2,4-Trimethylbenzene	16000	ug/Kg		180	1800
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,2-Dibromoethane		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,2-Dichlorobenzene		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,2-Dichloroethane		ug/Kg	U	36	36



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,2-Dichloropropane		ug/Kg	U	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,3,5-Trimethylbenzene	7100	ug/Kg		36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,3-Dichlorobenzene		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,3-Dichloropropane		ug/Kg	U	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,4-Dichlorobenzene		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	1,4-dioxane		ug/Kg	U	2900	2900
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	2,2-Dichloropropane		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	2-Chlorotoluene		ug/Kg	U	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	2-Hexanone		ug/Kg	U	360	1800
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	2-Isopropyltoluene	82	ug/Kg	J	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	4-Chlorotoluene		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	4-Methyl-2-pentanone		ug/Kg	U	360	1800
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Acetone	920	ug/Kg	J	360	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Acrolein		ug/Kg	UJ	180	1400
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Acrylonitrile		ug/Kg	U	36	1400
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Benzene	1900	ug/Kg		36	60
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Bromobenzene		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Bromochloromethane		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Bromodichloromethane		ug/Kg	U	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Bromoform		ug/Kg	U	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Bromomethane		ug/Kg	U	140	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Carbon Disulfide		ug/Kg	U	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Carbon tetrachloride		ug/Kg	U	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Chlorobenzene		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Chloroethane		ug/Kg	UJ	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Chloroform		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Chloromethane		ug/Kg	U	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	250	cis-1,2-Dichloroethene	27000	ug/Kg		180	250
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	cis-1,3-Dichloropropene		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Dibromochloromethane		ug/Kg	U	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Dibromomethane		ug/Kg	U	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Dichlorodifluoromethane		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Ethylbenzene	4500	ug/Kg		36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Hexachlorobutadiene		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Isopropylbenzene	600	ug/Kg		36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	m&p-Xylene	9600	ug/Kg		72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Methyl Ethyl Ketone		ug/Kg	UJ	360	360



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	72	720
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Methylene chloride		ug/Kg	U	360	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Naphthalene	3400	ug/Kg		72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	n-Butylbenzene	820	ug/Kg		36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	n-Propylbenzene	1600	ug/Kg		72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	o-Xylene	5600	ug/Kg		72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	p-Isopropyltoluene	440	ug/Kg		36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	sec-Butylbenzene	450	ug/Kg		36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Styrene	96	ug/Kg	J	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Tert-butyl alcohol		ug/Kg	U	1400	7200
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	tert-Butylbenzene		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Tetrachloroethene	2400	ug/Kg		72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Tetrahydrofuran (THF)		ug/Kg	U	180	720
15B11 (0-2)	BV81840	SW8260	11/10/2016	250	Toluene	15000	ug/Kg		180	700
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	trans-1,2-Dichloroethene	2300	ug/Kg		36	190
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	trans-1,3-Dichloropropene		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	trans-1,4-dichloro-2-butene		ug/Kg	U	180	720
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Trichloroethene	410	ug/Kg		36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Trichlorofluoromethane		ug/Kg	U	72	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Trichlorotrifluoroethane		ug/Kg	U	36	360
15B11 (0-2)	BV81840	SW8260	11/10/2016	50	Vinyl chloride	3000	ug/Kg		36	36
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	110	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	210	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	130	190
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	93	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	U	260	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	110	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	110	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	2-Methylnaphthalene	330	ug/Kg		110	260



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15B11 (0-2)	BV81840	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	260	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	240	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	750	370
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	75	220
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	170	300
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	130	370
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	170	370
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	110	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Acenaphthylene	190	ug/Kg	J	100	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	120	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Aniline		ug/Kg	U	300	300
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Anthracene	170	ug/Kg	J	120	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Benz(a)anthracene	480	ug/Kg		130	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Benzidine		ug/Kg	U	220	370
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Benzo(a)pyrene	870	ug/Kg		120	190
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Benzo(b)fluoranthene	920	ug/Kg		130	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Benzo(ghi)perylene	620	ug/Kg		120	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Benzo(k)fluoranthene	770	ug/Kg		120	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	U	750	1900
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	97	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate	5000	ug/Kg		110	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	150	190
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Chrysene	670	ug/Kg		130	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Dibenz(a,h)anthracene	170	ug/Kg	J	120	190
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	110	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	120	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	120	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	100	260



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	97	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Fluoranthene	950	ug/Kg		120	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	120	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	110	190
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	140	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	110	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	110	190
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene	720	ug/Kg		120	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	100	190
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Naphthalene	280	ug/Kg		110	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	130	190
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	140	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	140	220
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Phenanthrene	620	ug/Kg		110	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Phenol		ug/Kg	U	120	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Pyrene	1500	ug/Kg		130	260
15B11 (0-2)	BV81840	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	92	260
15B11 (3-5)	BV81841	E160.3	11/10/2016	1	SOLIDS, PERCENT	93	%			
15B11 (3-5)	BV81841	SW6010	11/10/2016	10	Aluminum	6140	mg/Kg		7.6	38
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Antimony		mg/Kg	U	1.8	1.8
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Arsenic	1.15	mg/Kg		0.76	0.76
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Barium	20.0	mg/Kg		0.38	0.8
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Beryllium	0.22	mg/Kg	J	0.15	0.30
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Cadmium		mg/Kg	U	0.38	0.38
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Calcium	908	mg/Kg		3.5	3.8
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Chromium	11.3	mg/Kg		0.38	0.38
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Cobalt	4.35	mg/Kg		0.38	0.38
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Copper	8.58	mg/Kg		0.38	0.38
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Iron	9030	mg/Kg		3.8	3.8
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Lead	1.8	mg/Kg		0.36	0.7
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Magnesium	1920	mg/Kg		3.8	3.8
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Manganese	145	mg/Kg		0.38	0.38
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Nickel	9.50	mg/Kg		0.38	0.38
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Potassium	356	mg/Kg		3.0	8



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.3	1.5
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.38	0.38
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Sodium	129	mg/Kg		3.3	8
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.5	1.5
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Vanadium	12.3	mg/Kg		0.38	0.38
15B11 (3-5)	BV81841	SW6010	11/10/2016	1	Zinc	18.5	mg/Kg		0.38	0.8
15B11 (3-5)	BV81841	SW7471	11/10/2016	1	Mercury		mg/Kg	UJ	0.02	0.03
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.66	13
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	UJ	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,2,4-Trimethylbenzene	1.5	ug/Kg	J	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene	0.55	ug/Kg	J	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	26	49
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	3.3	16
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	U	3.3	16
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Acetone	36	ug/Kg	J	3.3	16
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	1.6	13
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.33	13



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Benzene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	1.3	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Carbon Disulfide		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Ethylbenzene	0.38	ug/Kg	J	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	m&p-Xylene		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Methyl Ethyl Ketone	6.5	ug/Kg	J	3.3	20
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Methyl t-butyl ether (MTBE)	1.1	ug/Kg	J	0.66	6.6
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	3.3	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	o-Xylene		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Tert-butyl alcohol	17	ug/Kg	J	13	66
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	1.6	6.6
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Toluene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.33	3.3



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15B11 (3-5)	BV81841	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	1.6	6.6
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	0.66	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.33	3.3
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	120	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	99	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	110	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	100	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	100	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	190	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	110	180
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	120	180
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	87	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	250	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	100	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	100	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	2-Methylnaphthalene		ug/Kg	U	100	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	250	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	220	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	700	350
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol	130	ug/Kg	J	70	210
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	100	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	120	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	160	280
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	120	350
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	160	350
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	110	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	98	250



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	110	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Aniline		ug/Kg	U	280	280
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	120	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Benzo(a)anthracene		ug/Kg	U	120	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Benzenidine		ug/Kg	UJ	210	350
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Benzo(a)pyrene		ug/Kg	U	110	180
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Benzo(ghi)perylene		ug/Kg	U	110	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	UJ	700	1800
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	91	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	97	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	95	180
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	98	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	140	180
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Chrysene		ug/Kg	U	120	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	110	180
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	100	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	110	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	110	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	93	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	91	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Fluoranthene		ug/Kg	U	110	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	120	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	100	180
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	130	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	110	180
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	98	180
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Naphthalene		ug/Kg	U	100	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	120	180
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	99	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	110	180
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	130	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	130	250



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	130	210
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Phenanthrene		ug/Kg	U	100	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Phenol		ug/Kg	U	110	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Pyrene		ug/Kg	U	120	250
15B11 (3-5)	BV81841	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	86	250
15B11 (12-14)	BV81842	E160.3	11/10/2016	1	SOLIDS, PERCENT	83	%			
15B11 (12-14)	BV81842	SW6010	11/10/2016	10	Aluminum	4620	mg/Kg		8.3	41
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Antimony		mg/Kg	U	1.9	1.9
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Arsenic	1.43	mg/Kg		0.83	0.83
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Barium	21.5	mg/Kg		0.41	0.8
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Beryllium	0.22	mg/Kg	J	0.17	0.33
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Cadmium		mg/Kg	U	0.41	0.41
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Calcium	663	mg/Kg		3.8	4.1
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Chromium	11.6	mg/Kg		0.41	0.41
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Cobalt	5.14	mg/Kg		0.41	0.41
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Copper	8.73	mg/Kg		0.41	0.41
15B11 (12-14)	BV81842	SW6010	11/10/2016	10	Iron	10800	mg/Kg		41	41
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Lead	1.1	mg/Kg		0.39	0.8
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Magnesium	1990	mg/Kg		4.1	4.1
15B11 (12-14)	BV81842	SW6010	11/10/2016	10	Manganese	208	mg/Kg		4.1	4.1
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Nickel	10.6	mg/Kg		0.41	0.41
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Potassium	798	mg/Kg		3.2	8
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.4	1.7
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.41	0.41
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Sodium	84	mg/Kg		3.5	8
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.7	1.7
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Vanadium	13.2	mg/Kg		0.41	0.41
15B11 (12-14)	BV81842	SW6010	11/10/2016	1	Zinc	19.9	mg/Kg		0.41	0.8
15B11 (12-14)	BV81842	SW7471	11/10/2016	1	Mercury		mg/Kg	UJ	0.02	0.03
15B11 (12-14)	BV81842	SW8082	11/10/2016	2	PCB-1016		ug/Kg	U	78	78
15B11 (12-14)	BV81842	SW8082	11/10/2016	2	PCB-1221		ug/Kg	U	78	78
15B11 (12-14)	BV81842	SW8082	11/10/2016	2	PCB-1232		ug/Kg	U	78	78
15B11 (12-14)	BV81842	SW8082	11/10/2016	2	PCB-1242		ug/Kg	U	78	78
15B11 (12-14)	BV81842	SW8082	11/10/2016	2	PCB-1248		ug/Kg	U	78	78
15B11 (12-14)	BV81842	SW8082	11/10/2016	2	PCB-1254		ug/Kg	U	78	78
15B11 (12-14)	BV81842	SW8082	11/10/2016	2	PCB-1260		ug/Kg	U	78	78
15B11 (12-14)	BV81842	SW8082	11/10/2016	2	PCB-1262		ug/Kg	U	78	78



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B11 (12-14)	BV81842	SW8082	11/10/2016	2	PCB-1268		ug/Kg	U	78	78
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	40	76
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	5.1	25
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	U	5.1	25
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Acetone	27	ug/Kg	J	5.1	25
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	2.5	20
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.51	20
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Benzene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	2.0	5.1



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15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Carbon Disulfide	1.3	ug/Kg	J	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Ethylbenzene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	m&p-Xylene		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	5.1	30
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Methyl t-butyl ether (MTBE)	22	ug/Kg		1.0	10
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	5.1	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	o-Xylene		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Tert-butyl alcohol	32	ug/Kg	J	20	100
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.5	10
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Toluene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	10
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.51	5.1
15B11 (12-14)	BV81842	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.51	5.1



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15B11 (12-14)	BV81842	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	110	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	120	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	120	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	98	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	U	280	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	200
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	200
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	110	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	110	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	2-Methylnaphthalene		ug/Kg	U	120	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	280	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	250	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	790	390
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	79	240
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	180	320
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	130	390
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	180	390
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	120	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	110	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	120	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Aniline		ug/Kg	U	320	320
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	130	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Benz(a)anthracene		ug/Kg	U	130	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Benzidine		ug/Kg	U	230	390
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200



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15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Benzo(b)fluoranthene		ug/Kg	U	130	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	U	790	2000
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	200
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	160	200
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Chrysene		ug/Kg	U	130	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	120	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	120	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	120	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	100	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	100	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Fluoranthene		ug/Kg	U	130	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	130	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	120	200
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	140	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	120	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	110	200
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Naphthalene		ug/Kg	U	110	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	150	240
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Phenanthrene		ug/Kg	U	110	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Phenol		ug/Kg	U	130	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Pyrene		ug/Kg	U	140	280
15B11 (12-14)	BV81842	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	97	280
15B12 (12-14)	BV81843	E160.3	11/10/2016	1	SOLIDS, PERCENT	85	%			



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15B12 (12-14)	BV81843	SW6010	11/10/2016	10	Aluminum	3660	mg/Kg		7.4	37
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Antimony		mg/Kg	U	2.0	2.0
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Arsenic		mg/Kg	U	0.74	0.74
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Barium	17.6	mg/Kg		0.37	0.7
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Beryllium	0.16	mg/Kg	J	0.15	0.29
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Cadmium		mg/Kg	U	0.37	0.37
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Calcium	705	mg/Kg		3.4	3.7
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Chromium	10.3	mg/Kg		0.37	0.37
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Cobalt	3.00	mg/Kg		0.37	0.37
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Copper	6.54	mg/Kg		0.37	0.37
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Iron	6240	mg/Kg	J	3.7	3.7
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Lead	1.9	mg/Kg		0.40	0.8
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Magnesium	1400	mg/Kg		3.7	3.7
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Manganese	84.1	mg/Kg		0.37	0.37
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Nickel	6.72	mg/Kg		0.37	0.37
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Potassium	559	mg/Kg		2.9	7
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.3	1.5
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.37	0.37
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Sodium	94	mg/Kg		3.2	7
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.5	1.5
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Vanadium	11.6	mg/Kg		0.37	0.37
15B12 (12-14)	BV81843	SW6010	11/10/2016	1	Zinc	13.6	mg/Kg		0.37	0.7
15B12 (12-14)	BV81843	SW7471	11/10/2016	1	Mercury		mg/Kg	UJ	0.02	0.03
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	4,4' -DDD		ug/Kg	U	2.3	2.3
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	4,4' -DDE		ug/Kg	U	2.3	2.3
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	4,4' -DDT		ug/Kg	U	2.3	2.3
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	a-BHC		ug/Kg	U	7.7	7.7
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	a-Chlordane		ug/Kg	U	3.9	3.9
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	Aldrin		ug/Kg	U	3.9	3.9
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	b-BHC		ug/Kg	U	7.7	7.7
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	Chlordane		ug/Kg	U	39	39
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	d-BHC		ug/Kg	U	7.7	7.7
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	Dieldrin		ug/Kg	U	3.9	3.9
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	Endosulfan I		ug/Kg	U	7.7	7.7
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	Endosulfan II		ug/Kg	U	7.7	7.7
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	Endosulfan sulfate		ug/Kg	U	7.7	7.7
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	Endrin		ug/Kg	U	7.7	7.7



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	Endrin aldehyde		ug/Kg	U	7.7	7.7
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	Endrin ketone		ug/Kg	U	7.7	7.7
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	g-BHC		ug/Kg	U	1.5	1.5
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	g-Chlordane		ug/Kg	U	3.9	3.9
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	Heptachlor		ug/Kg	U	7.7	7.7
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	Heptachlor epoxide		ug/Kg	U	7.7	7.7
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	Methoxychlor		ug/Kg	U	39	39
15B12 (12-14)	BV81843	SW8081	11/10/2016	2	Toxaphene		ug/Kg	U	150	150
15B12 (12-14)	BV81843	SW8082	11/10/2016	2	PCB-1016		ug/Kg	U	77	77
15B12 (12-14)	BV81843	SW8082	11/10/2016	2	PCB-1221		ug/Kg	U	77	77
15B12 (12-14)	BV81843	SW8082	11/10/2016	2	PCB-1232		ug/Kg	U	77	77
15B12 (12-14)	BV81843	SW8082	11/10/2016	2	PCB-1242		ug/Kg	U	77	77
15B12 (12-14)	BV81843	SW8082	11/10/2016	2	PCB-1248		ug/Kg	U	77	77
15B12 (12-14)	BV81843	SW8082	11/10/2016	2	PCB-1254		ug/Kg	U	77	77
15B12 (12-14)	BV81843	SW8082	11/10/2016	2	PCB-1260		ug/Kg	U	77	77
15B12 (12-14)	BV81843	SW8082	11/10/2016	2	PCB-1262		ug/Kg	U	77	77
15B12 (12-14)	BV81843	SW8082	11/10/2016	2	PCB-1268		ug/Kg	U	77	77
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	63	1300
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,1,1-Trichloroethane		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,1,2-Trichloroethane		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,1-Dichloroethane		ug/Kg	U	63	270
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,1-Dichloroethene		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,1-Dichloropropene		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,2,3-Trichlorobenzene		ug/Kg	UJ	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,2,3-Trichloropropane		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,2,4-Trichlorobenzene		ug/Kg	UJ	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	100	1,2,4-Trimethylbenzene	14000	ug/Kg		63	630
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,2-Dibromoethane		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,2-Dichlorobenzene		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,2-Dichloroethane		ug/Kg	U	31	31
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,2-Dichloropropane		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,3,5-Trimethylbenzene	4200	ug/Kg		31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,3-Dichlorobenzene		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,3-Dichloropropane		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,4-Dichlorobenzene		ug/Kg	U	31	310



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15B12 (12-14)	BV81843	SW8260	11/10/2016	50	1,4-dioxane		ug/Kg	U	2500	2500
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	2,2-Dichloropropane		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	2-Chlorotoluene		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	2-Hexanone		ug/Kg	U	310	1600
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	2-Isopropyltoluene	37	ug/Kg	J	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	4-Chlorotoluene		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	4-Methyl-2-pentanone		ug/Kg	U	310	1600
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Acetone		ug/Kg	UJ	310	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Acrolein		ug/Kg	UJ	160	1300
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Acrylonitrile		ug/Kg	U	31	1300
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Benzene	650	ug/Kg		31	60
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Bromobenzene		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Bromochloromethane		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Bromodichloromethane		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Bromoform		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Bromomethane		ug/Kg	U	130	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Carbon Disulfide		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Carbon tetrachloride		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Chlorobenzene		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Chloroethane		ug/Kg	UJ	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Chloroform		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Chloromethane		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	cis-1,2-Dichloroethene		ug/Kg	U	31	250
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	cis-1,3-Dichloropropene		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Dibromochloromethane		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Dibromomethane		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Dichlorodifluoromethane		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Ethylbenzene	3900	ug/Kg		31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Hexachlorobutadiene		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Isopropylbenzene	940	ug/Kg		31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	m&p-Xylene	16000	ug/Kg		63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Methyl Ethyl Ketone		ug/Kg	UJ	310	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Methyl t-butyl ether (MTBE)	290	ug/Kg	J	63	630
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Methylene chloride		ug/Kg	U	310	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Naphthalene	4400	ug/Kg		63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	n-Butylbenzene	810	ug/Kg		31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	n-Propylbenzene	1800	ug/Kg		63	310



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	o-Xylene	6700	ug/Kg		63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	p-Isopropyltoluene	230	ug/Kg	J	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	sec-Butylbenzene	380	ug/Kg		31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Styrene		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Tert-butyl alcohol		ug/Kg	U	1300	6300
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	tert-Butylbenzene		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Tetrachloroethene		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Tetrahydrofuran (THF)		ug/Kg	U	160	630
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Toluene	470	ug/Kg		31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	trans-1,2-Dichloroethene		ug/Kg	U	31	190
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	trans-1,3-Dichloropropene		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	trans-1,4-dichloro-2-butene		ug/Kg	U	160	630
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Trichloroethene		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Trichlorofluoromethane		ug/Kg	U	63	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Trichlorotrifluoroethane		ug/Kg	U	31	310
15B12 (12-14)	BV81843	SW8260	11/10/2016	50	Vinyl chloride		ug/Kg	U	31	31
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	210	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	190
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	96	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	270	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	2-Methylnaphthalene	1300	ug/Kg		110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	270	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	240	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190



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15B12 (12-14)	BV81843	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	770	390
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	77	230
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	180	310
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	130	390
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	170	390
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	120	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	120	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Aniline		ug/Kg	U	310	310
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	130	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Benz(a)anthracene		ug/Kg	U	130	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Benzidine		ug/Kg	UJ	230	390
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Benzo(a)pyrene		ug/Kg	U	130	190
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Benzo(b)fluoranthene		ug/Kg	U	130	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Benzo(ghi)perylene		ug/Kg	U	120	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	UJ	770	1900
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	99	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate	970	ug/Kg		110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	150	190
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Chrysene		ug/Kg	U	130	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	120	190
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	120	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	120	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	100	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	99	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Fluoranthene		ug/Kg	U	120	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	130	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	110	190
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	140	270



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	120	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	120	190
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	110	190
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Naphthalene	770	ug/Kg		110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	130	190
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	140	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	150	230
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Phenanthrene		ug/Kg	U	110	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Phenol		ug/Kg	U	120	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Pyrene		ug/Kg	U	130	270
15B12 (12-14)	BV81843	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	95	270
15B12 (20-22)	BV81844	E160.3	11/10/2016	1	SOLIDS, PERCENT	80	%			
15B12 (20-22)	BV81844	SW6010	11/10/2016	10	Aluminum	3230	mg/Kg		7.4	37
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Antimony		mg/Kg	U	1.9	1.9
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Arsenic		mg/Kg	U	0.74	0.74
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Barium	17.9	mg/Kg		0.37	0.7
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Beryllium	0.17	mg/Kg	J	0.15	0.30
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Cadmium		mg/Kg	U	0.37	0.37
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Calcium	949	mg/Kg		3.4	3.7
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Chromium	8.47	mg/Kg		0.37	0.37
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Cobalt	4.47	mg/Kg		0.37	0.37
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Copper	7.31	mg/Kg		0.37	0.37
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Iron	8380	mg/Kg	J	3.7	3.7
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Lead	1.5	mg/Kg		0.39	0.8
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Magnesium	1290	mg/Kg		3.7	3.7
15B12 (20-22)	BV81844	SW6010	11/10/2016	10	Manganese	202	mg/Kg		3.7	3.7
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Nickel	7.67	mg/Kg		0.37	0.37
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Potassium	456	mg/Kg		2.9	7
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.3	1.5
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.37	0.37
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Sodium	93	mg/Kg		3.2	7
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.5	1.5
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Vanadium	12.9	mg/Kg		0.37	0.37



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B12 (20-22)	BV81844	SW6010	11/10/2016	1	Zinc	13.8	mg/Kg		0.37	0.7
15B12 (20-22)	BV81844	SW7471	11/10/2016	1	Mercury		mg/Kg	UJ	0.02	0.03
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.91	18
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,2,4-Trimethylbenzene	0.67	ug/Kg	J	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	37	68
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	4.6	23
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	U	4.6	23
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Acetone	16	ug/Kg	J	4.6	23
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	2.3	18
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.46	18
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Benzene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	0.91	4.6



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15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	1.8	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Carbon Disulfide	2.9	ug/Kg	J	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Ethylbenzene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	m&p-Xylene		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	4.6	27
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.91	9.1
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	4.6	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	o-Xylene		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Tert-butyl alcohol		ug/Kg	U	18	91
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.3	9.1
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Toluene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.3	9.1
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	0.91	4.6
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.46	4.6



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B12 (20-22)	BV81844	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.46	4.6
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	110	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	120	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	120	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	100	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	280	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	200
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	200
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	120	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	120	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	2-Methylnaphthalene		ug/Kg	U	120	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	280	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	260	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	810	410
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	81	240
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	190	320
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	140	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	140	410
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	180	410
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	120	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	110	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	130	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Aniline		ug/Kg	U	320	320
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	130	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Benz(a)anthracene		ug/Kg	U	140	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Benzidine		ug/Kg	UJ	240	410



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	UJ	810	2000
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	160	200
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Chrysene		ug/Kg	U	140	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	120	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	130	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	130	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	110	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	100	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Fluoranthene		ug/Kg	U	130	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	130	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	120	200
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	150	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	120	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	110	200
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Naphthalene		ug/Kg	U	120	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	160	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	150	240
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Phenanthrene		ug/Kg	U	120	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Phenol		ug/Kg	U	130	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Pyrene		ug/Kg	U	140	280
15B12 (20-22)	BV81844	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	100	280



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B13 (12-14)	BV81845	E160.3	11/10/2016	1	SOLIDS, PERCENT	82	%			
15B13 (12-14)	BV81845	SW6010	11/10/2016	10	Aluminum	4020	mg/Kg		7.8	39
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Antimony		mg/Kg	U	1.9	1.9
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Arsenic		mg/Kg	U	0.78	0.78
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Barium	13.3	mg/Kg		0.39	0.8
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Beryllium		mg/Kg	U	0.16	0.31
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Cadmium		mg/Kg	U	0.39	0.39
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Calcium	820	mg/Kg		3.6	3.9
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Chromium	7.79	mg/Kg		0.39	0.39
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Cobalt	3.77	mg/Kg		0.39	0.39
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Copper	8.09	mg/Kg		0.39	0.39
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Iron	7020	mg/Kg	J	3.9	3.9
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Lead	1.1	mg/Kg		0.38	0.8
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Magnesium	1910	mg/Kg		3.9	3.9
15B13 (12-14)	BV81845	SW6010	11/10/2016	10	Manganese	225	mg/Kg		3.9	3.9
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Nickel	7.95	mg/Kg		0.39	0.39
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Potassium	440	mg/Kg		3.0	8
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.3	1.6
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.39	0.39
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Sodium	127	mg/Kg		3.4	8
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.6	1.6
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Vanadium	9.78	mg/Kg		0.39	0.39
15B13 (12-14)	BV81845	SW6010	11/10/2016	1	Zinc	14.8	mg/Kg		0.39	0.8
15B13 (12-14)	BV81845	SW7471	11/10/2016	1	Mercury		mg/Kg	UJ	0.02	0.03
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	4,4' -DDD		ug/Kg	U	2.4	2.4
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	4,4' -DDE		ug/Kg	U	2.4	2.4
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	4,4' -DDT		ug/Kg	U	2.4	2.4
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	a-BHC		ug/Kg	U	8.1	8.1
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	a-Chlordane		ug/Kg	U	4.0	4.0
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	Aldrin		ug/Kg	U	4.0	4.0
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	b-BHC		ug/Kg	U	8.1	8.1
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	Chlordane		ug/Kg	U	40	40
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	d-BHC		ug/Kg	U	8.1	8.1
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	Dieldrin		ug/Kg	U	4.0	4.0
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	Endosulfan I		ug/Kg	U	8.1	8.1
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	Endosulfan II		ug/Kg	U	8.1	8.1
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	Endosulfan sulfate		ug/Kg	U	8.1	8.1



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	Endrin		ug/Kg	U	8.1	8.1
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	Endrin aldehyde		ug/Kg	U	8.1	8.1
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	Endrin ketone		ug/Kg	U	8.1	8.1
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	g-BHC		ug/Kg	U	1.6	1.6
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	g-Chlordane		ug/Kg	U	4.0	4.0
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	Heptachlor		ug/Kg	U	8.1	8.1
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	Heptachlor epoxide		ug/Kg	U	8.1	8.1
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	Methoxychlor		ug/Kg	U	40	40
15B13 (12-14)	BV81845	SW8081	11/10/2016	2	Toxaphene		ug/Kg	U	160	160
15B13 (12-14)	BV81845	SW8082	11/10/2016	2	PCB-1016		ug/Kg	U	81	81
15B13 (12-14)	BV81845	SW8082	11/10/2016	2	PCB-1221		ug/Kg	U	81	81
15B13 (12-14)	BV81845	SW8082	11/10/2016	2	PCB-1232		ug/Kg	U	81	81
15B13 (12-14)	BV81845	SW8082	11/10/2016	2	PCB-1242		ug/Kg	U	81	81
15B13 (12-14)	BV81845	SW8082	11/10/2016	2	PCB-1248		ug/Kg	U	81	81
15B13 (12-14)	BV81845	SW8082	11/10/2016	2	PCB-1254		ug/Kg	U	81	81
15B13 (12-14)	BV81845	SW8082	11/10/2016	2	PCB-1260		ug/Kg	U	81	81
15B13 (12-14)	BV81845	SW8082	11/10/2016	2	PCB-1262		ug/Kg	U	81	81
15B13 (12-14)	BV81845	SW8082	11/10/2016	2	PCB-1268		ug/Kg	U	81	81
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.1	22
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	UJ	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	1.1	5.5



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	44	83
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	5.5	28
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	U	5.5	28
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Acetone	43	ug/Kg	J	5.5	28
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	2.8	22
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.55	22
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Benzene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	2.2	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Carbon Disulfide	1.3	ug/Kg	J	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Chloromethane		ug/Kg	UJ	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	UJ	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Ethylbenzene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	m&p-Xylene		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	5.5	33
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Methyl t-butyl ether (MTBE)	70	ug/Kg		1.1	11
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	5.5	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Naphthalene	1.3	ug/Kg	J	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.55	5.5



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	o-Xylene		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Tert-butyl alcohol		ug/Kg	U	22	110
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	tert-butylbenzene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.8	11
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Toluene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.8	11
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	1.1	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.55	5.5
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	110	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	120	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	120	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	99	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	280	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	200
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	200
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	110	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	110	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	2-Methylnaphthalene		ug/Kg	U	120	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	280	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	250	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	790	400
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	79	240
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	190	320
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	130	400
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	180	400
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	120	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	110	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	120	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Aniline		ug/Kg	U	320	320
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	130	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Benz(a)anthracene		ug/Kg	U	130	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Benzidine		ug/Kg	UJ	230	400
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	UJ	790	2000
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	160	200
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Chrysene		ug/Kg	U	130	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	120	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	130	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	120	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	110	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	100	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Fluoranthene		ug/Kg	U	130	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	130	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	120	200



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	140	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	120	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	110	200
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Naphthalene		ug/Kg	U	110	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	150	240
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Phenanthrene		ug/Kg	U	110	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Phenol		ug/Kg	U	130	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Pyrene		ug/Kg	U	140	280
15B13 (12-14)	BV81845	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	98	280
15B14 (1-3)	BV81846	E160.3	11/10/2016	1	SOLIDS, PERCENT	91	%			
15B14 (1-3)	BV81846	SW6010	11/10/2016	10	Aluminum	6260	mg/Kg		7.5	38
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Antimony	1.8	mg/Kg		1.8	1.8
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Arsenic	13.7	mg/Kg		0.75	0.75
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Barium	105	mg/Kg		0.38	0.8
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Beryllium	0.35	mg/Kg		0.15	0.30
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Cadmium	1.27	mg/Kg		0.38	0.38
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Calcium	6040	mg/Kg		3.5	3.8
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Chromium	24.5	mg/Kg		0.38	0.38
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Cobalt	7.77	mg/Kg		0.38	0.38
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Copper	146	mg/Kg		0.38	0.38
15B14 (1-3)	BV81846	SW6010	11/10/2016	10	Iron	24400	mg/Kg		38	38
15B14 (1-3)	BV81846	SW6010	11/10/2016	10	Lead	232	mg/Kg		3.8	7.5
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Magnesium	1890	mg/Kg		3.8	3.8
15B14 (1-3)	BV81846	SW6010	11/10/2016	10	Manganese	276	mg/Kg		3.8	3.8
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Nickel	21.3	mg/Kg		0.38	0.38
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Potassium	789	mg/Kg		2.9	8
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.3	1.5
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.38	0.38
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Sodium	228	mg/Kg		3.2	8
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.5	1.5



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B14 (1-3)	BV81846	SW6010	11/10/2016	1	Vanadium	21.9	mg/Kg		0.38	0.38
15B14 (1-3)	BV81846	SW6010	11/10/2016	10	Zinc	677	mg/Kg		3.8	7.5
15B14 (1-3)	BV81846	SW7471	11/10/2016	1	Mercury	0.47	mg/Kg	J	0.02	0.03
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	4,4' -DDD		ug/Kg	U	10	10
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	4,4' -DDE		ug/Kg	U	3.0	3.0
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	4,4' -DDT		ug/Kg	U	2.1	2.1
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	a-BHC		ug/Kg	U	7.2	7.2
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	a-Chlordane		ug/Kg	U	3.6	3.6
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	Aldrin		ug/Kg	U	3.6	3.6
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	b-BHC		ug/Kg	U	7.2	7.2
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	Chlordane		ug/Kg	U	36	36
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	d-BHC		ug/Kg	U	7.2	7.2
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	Dieldrin		ug/Kg	U	3.6	3.6
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	Endosulfan I		ug/Kg	U	7.2	7.2
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	Endosulfan II		ug/Kg	U	7.2	7.2
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	Endosulfan sulfate		ug/Kg	U	7.2	7.2
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	Endrin		ug/Kg	U	7.2	7.2
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	Endrin aldehyde		ug/Kg	U	7.2	7.2
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	Endrin ketone		ug/Kg	U	7.2	7.2
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	g-BHC		ug/Kg	U	1.4	1.4
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	g-Chlordane		ug/Kg	U	3.6	3.6
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	Heptachlor		ug/Kg	U	7.2	7.2
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	Heptachlor epoxide		ug/Kg	U	7.2	7.2
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	Methoxychlor		ug/Kg	U	36	36
15B14 (1-3)	BV81846	SW8081	11/10/2016	2	Toxaphene		ug/Kg	U	140	140
15B14 (1-3)	BV81846	SW8082	11/10/2016	2	PCB-1016		ug/Kg	U	72	72
15B14 (1-3)	BV81846	SW8082	11/10/2016	2	PCB-1221		ug/Kg	U	72	72
15B14 (1-3)	BV81846	SW8082	11/10/2016	2	PCB-1232		ug/Kg	U	72	72
15B14 (1-3)	BV81846	SW8082	11/10/2016	2	PCB-1242		ug/Kg	U	72	72
15B14 (1-3)	BV81846	SW8082	11/10/2016	2	PCB-1248		ug/Kg	U	72	72
15B14 (1-3)	BV81846	SW8082	11/10/2016	2	PCB-1254	72	ug/Kg		72	72
15B14 (1-3)	BV81846	SW8082	11/10/2016	2	PCB-1260		ug/Kg	U	72	72
15B14 (1-3)	BV81846	SW8082	11/10/2016	2	PCB-1262		ug/Kg	U	72	72
15B14 (1-3)	BV81846	SW8082	11/10/2016	2	PCB-1268		ug/Kg	U	72	72
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.89	18
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.89	4.5



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	UJ	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	36	67
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	4.5	22
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	U	4.5	22
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Acetone	64	ug/Kg	J	4.5	22
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	2.2	18
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.45	18
15B14 (1-3)	BV81846	SW8260	11/10/2016	50	Benzene	240	ug/Kg		31	60
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	1.8	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Carbon Disulfide		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.45	4.5



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Ethylbenzene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	m&p-Xylene		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	4.5	27
15B14 (1-3)	BV81846	SW8260	11/10/2016	50	Methyl t-butyl ether (MTBE)	760	ug/Kg		61	610
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	4.5	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	o-Xylene		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Tert-butyl alcohol		ug/Kg	U	18	89
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.2	8.9
15B14 (1-3)	BV81846	SW8260	11/10/2016	50	Toluene	120	ug/Kg	J	31	310
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.2	8.9
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	0.89	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.45	4.5
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	100	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		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
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	130	180
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	91	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	260	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	180
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	100	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	100	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	2-Methylnaphthalene		ug/Kg	U	110	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	260	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	230	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	730	370
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	73	220
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	170	290
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	120	370
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	170	370
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	110	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	100	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	110	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Aniline		ug/Kg	U	290	290
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	120	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Benz(a)anthracene	330	ug/Kg		120	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Benzidine		ug/Kg	UJ	220	370
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Benzo(a)pyrene	300	ug/Kg		120	180
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Benzo(b)fluoranthene	380	ug/Kg		130	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Benzo(ghi)perylene	180	ug/Kg	J	120	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Benzo(k)fluoranthene	300	ug/Kg		120	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	UJ	730	1800



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15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	94	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	99	180
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate	170	ug/Kg	J	110	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	150	180
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Chrysene	420	ug/Kg		120	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	110	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	120	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	110	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	97	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	94	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Fluoranthene	530	ug/Kg		120	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	120	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	110	180
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	130	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	110	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	110	180
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene	180	ug/Kg	J	120	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Isophorone	910	ug/Kg		100	180
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Naphthalene	130	ug/Kg	J	110	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	130	180
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	100	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	140	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	140	220
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Phenanthrene	500	ug/Kg		100	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Phenol		ug/Kg	U	120	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Pyrene	580	ug/Kg		130	260
15B14 (1-3)	BV81846	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	90	260
15B14 (12-14)	BV81847	E160.3	11/10/2016	1	SOLIDS, PERCENT	83	%			
15B14 (12-14)	BV81847	SW6010	11/10/2016	10	Aluminum	4300	mg/Kg		7.2	36
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Antimony		mg/Kg	U	1.8	1.8
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Arsenic	1.16	mg/Kg		0.72	0.72
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Barium	22.4	mg/Kg		0.36	0.7



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Beryllium	0.21	mg/Kg	J	0.14	0.29
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Cadmium		mg/Kg	U	0.36	0.36
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Calcium	826	mg/Kg		3.3	3.6
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Chromium	11.3	mg/Kg		0.36	0.36
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Cobalt	4.08	mg/Kg		0.36	0.36
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Copper	9.43	mg/Kg		0.36	0.36
15B14 (12-14)	BV81847	SW6010	11/10/2016	10	Iron	11400	mg/Kg		36	36
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Lead	1.1	mg/Kg		0.37	0.7
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Magnesium	1670	mg/Kg		3.6	3.6
15B14 (12-14)	BV81847	SW6010	11/10/2016	10	Manganese	257	mg/Kg		3.6	3.6
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Nickel	9.18	mg/Kg		0.36	0.36
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Potassium	476	mg/Kg		2.8	7
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.2	1.4
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.36	0.36
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Sodium	104	mg/Kg		3.1	7
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.4	1.4
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Vanadium	15.2	mg/Kg		0.36	0.36
15B14 (12-14)	BV81847	SW6010	11/10/2016	1	Zinc	45.1	mg/Kg		0.36	0.7
15B14 (12-14)	BV81847	SW7471	11/10/2016	1	Mercury		mg/Kg	UJ	0.02	0.03
15B14 (12-14)	BV81847	SW8082	11/10/2016	2	PCB-1016		ug/Kg	U	80	80
15B14 (12-14)	BV81847	SW8082	11/10/2016	2	PCB-1221		ug/Kg	U	80	80
15B14 (12-14)	BV81847	SW8082	11/10/2016	2	PCB-1232		ug/Kg	U	80	80
15B14 (12-14)	BV81847	SW8082	11/10/2016	2	PCB-1242		ug/Kg	U	80	80
15B14 (12-14)	BV81847	SW8082	11/10/2016	2	PCB-1248		ug/Kg	U	80	80
15B14 (12-14)	BV81847	SW8082	11/10/2016	2	PCB-1254		ug/Kg	U	80	80
15B14 (12-14)	BV81847	SW8082	11/10/2016	2	PCB-1260		ug/Kg	U	80	80
15B14 (12-14)	BV81847	SW8082	11/10/2016	2	PCB-1262		ug/Kg	U	80	80
15B14 (12-14)	BV81847	SW8082	11/10/2016	2	PCB-1268		ug/Kg	U	80	80
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.77	15
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.39	3.9



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	UJ	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,2,4-Trimethylbenzene	9.2	ug/Kg		0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene	2.4	ug/Kg	J	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	31	58
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	3.9	19
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	U	3.9	19
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Acetone	19	ug/Kg	J	3.9	19
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	1.9	15
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.39	15
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Benzene	0.99	ug/Kg	J	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	1.5	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Carbon Disulfide	1.4	ug/Kg	J	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	0.77	3.9



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Ethylbenzene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	m&p-Xylene	5.6	ug/Kg		0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	3.9	23
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Methyl t-butyl ether (MTBE)	49	ug/Kg		0.77	7.7
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	3.9	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	o-Xylene	2.4	ug/Kg	J	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Tert-butyl alcohol		ug/Kg	U	15	77
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	1.9	7.7
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Toluene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	1.9	7.7
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	0.77	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.39	3.9
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	110	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	120	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	120	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	97	270



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15B14 (12-14)	BV81847	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	270	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	150	200
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	200
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	110	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	110	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	2-Methylnaphthalene		ug/Kg	U	120	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	270	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	250	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	790	390
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	79	240
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	180	310
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	130	390
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	180	390
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	120	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	110	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	120	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Aniline		ug/Kg	U	310	310
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	130	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Benz(a)anthracene		ug/Kg	U	130	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Benzidine		ug/Kg	UJ	230	390
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Benzo(b)fluoranthene		ug/Kg	U	130	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	UJ	790	2000
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	160	200



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Chrysene		ug/Kg	U	130	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	110	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	120	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	120	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	100	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	100	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Fluoranthene		ug/Kg	U	130	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	130	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	110	200
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	140	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	120	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	110	200
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Naphthalene		ug/Kg	U	110	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	150	240
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Phenanthrene		ug/Kg	U	110	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Phenol		ug/Kg	U	130	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Pyrene		ug/Kg	U	140	270
15B14 (12-14)	BV81847	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	97	270
15B14 (14-16)	BV81848	E160.3	11/10/2016	1	SOLIDS, PERCENT	83	%			
15B14 (14-16)	BV81848	SW6010	11/10/2016	10	Aluminum	3360	mg/Kg		8.4	42
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Antimony		mg/Kg	U	2.0	2.0
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Arsenic		mg/Kg	U	0.84	0.84
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Barium	18.6	mg/Kg		0.42	0.8
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Beryllium		mg/Kg	U	0.17	0.33
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Cadmium		mg/Kg	U	0.42	0.42
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Calcium	621	mg/Kg		3.8	4.2
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Chromium	6.65	mg/Kg		0.42	0.42
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Cobalt	3.63	mg/Kg		0.42	0.42
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Copper	7.14	mg/Kg		0.42	0.42



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15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Iron	7050	mg/Kg	J	4.2	4.2
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Lead	0.8	mg/Kg	J	0.40	0.8
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Magnesium	1370	mg/Kg		4.2	4.2
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Manganese	120	mg/Kg		0.42	0.42
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Nickel	7.35	mg/Kg		0.42	0.42
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Potassium	552	mg/Kg		3.3	8
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.4	1.7
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.42	0.42
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Sodium	88	mg/Kg		3.6	8
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.7	1.7
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Vanadium	10.6	mg/Kg		0.42	0.42
15B14 (14-16)	BV81848	SW6010	11/10/2016	1	Zinc	24.3	mg/Kg		0.42	0.8
15B14 (14-16)	BV81848	SW7471	11/10/2016	1	Mercury		mg/Kg	UJ	0.02	0.03
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.99	20
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,2,4-Trimethylbenzene	1.0	ug/Kg	J	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	40	74
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	4.9	25



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	U	4.9	25
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Acetone	13	ug/Kg	J	4.9	25
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	2.5	20
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.49	20
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Benzene	1.3	ug/Kg	J	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	2.0	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Carbon Disulfide	1.9	ug/Kg	J	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Ethylbenzene	0.90	ug/Kg	J	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	m&p-Xylene	2.0	ug/Kg	J	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	4.9	30
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Methyl t-butyl ether (MTBE)	9.5	ug/Kg	J	0.99	9.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	4.9	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	o-Xylene		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.49	4.9



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15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Tert-butyl alcohol		ug/Kg	U	20	99
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.5	9.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Toluene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	9.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	0.99	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.49	4.9
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	110	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	120	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	120	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	99	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	280	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	200
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	200
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	110	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	110	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	2-Methylnaphthalene		ug/Kg	U	120	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	280	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	250	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	800	400
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	80	240
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280



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15B14 (14-16)	BV81848	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	190	320
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	130	400
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	180	400
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	120	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	110	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	120	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Aniline		ug/Kg	U	320	320
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	130	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Benz(a)anthracene		ug/Kg	U	130	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Benzidine		ug/Kg	UJ	240	400
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	UJ	800	2000
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	160	200
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Chrysene		ug/Kg	U	130	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	120	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	130	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	120	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	110	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	100	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Fluoranthene		ug/Kg	U	130	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	130	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	120	200
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	140	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	120	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	110	200



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15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Naphthalene		ug/Kg	U	120	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	150	240
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Phenanthrene		ug/Kg	U	110	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Phenol		ug/Kg	U	130	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Pyrene		ug/Kg	U	140	280
15B14 (14-16)	BV81848	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	98	280
15B20 (0-2)	BV81849	E160.3	11/10/2016	1	SOLIDS, PERCENT	92	%			
15B20 (0-2)	BV81849	SW6010	11/10/2016	10	Aluminum	6120	mg/Kg		7.2	36
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Antimony		mg/Kg	U	1.7	1.7
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Arsenic	3.15	mg/Kg		0.72	0.72
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Barium	53.6	mg/Kg		0.36	0.7
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Beryllium	0.45	mg/Kg		0.14	0.29
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Cadmium	0.83	mg/Kg		0.36	0.36
15B20 (0-2)	BV81849	SW6010	11/10/2016	10	Calcium	14900	mg/Kg		33	36
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Chromium	17.5	mg/Kg		0.36	0.36
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Cobalt	7.07	mg/Kg		0.36	0.36
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Copper	41.9	mg/Kg		0.36	0.36
15B20 (0-2)	BV81849	SW6010	11/10/2016	10	Iron	22300	mg/Kg		36	36
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Lead	68.4	mg/Kg		0.36	0.7
15B20 (0-2)	BV81849	SW6010	11/10/2016	10	Magnesium	8070	mg/Kg		36	36
15B20 (0-2)	BV81849	SW6010	11/10/2016	10	Manganese	584	mg/Kg		3.6	3.6
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Nickel	13.2	mg/Kg		0.36	0.36
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Potassium	1340	mg/Kg		2.8	7
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.2	1.4
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.36	0.36
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Sodium	361	mg/Kg		3.1	7
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.4	1.4
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Vanadium	29.2	mg/Kg		0.36	0.36
15B20 (0-2)	BV81849	SW6010	11/10/2016	1	Zinc	78.4	mg/Kg		0.36	0.7
15B20 (0-2)	BV81849	SW7471	11/10/2016	1	Mercury	0.71	mg/Kg	J	0.02	0.03
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	4,4' -DDD		ug/Kg	U	2.2	2.2
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	4,4' -DDE		ug/Kg	U	2.2	2.2



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15B20 (0-2)	BV81849	SW8081	11/10/2016	2	4,4' -DDT		ug/Kg	U	2.2	2.2
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	a-BHC		ug/Kg	U	7.2	7.2
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	a-Chlordane		ug/Kg	U	3.6	3.6
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	Aldrin		ug/Kg	U	3.6	3.6
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	b-BHC		ug/Kg	U	7.2	7.2
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	Chlordane		ug/Kg	U	36	36
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	d-BHC		ug/Kg	U	7.2	7.2
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	Dieldrin		ug/Kg	U	3.6	3.6
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	Endosulfan I		ug/Kg	U	7.2	7.2
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	Endosulfan II		ug/Kg	U	7.2	7.2
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	Endosulfan sulfate		ug/Kg	U	7.2	7.2
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	Endrin		ug/Kg	U	7.2	7.2
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	Endrin aldehyde		ug/Kg	U	7.2	7.2
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	Endrin ketone		ug/Kg	U	7.2	7.2
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	g-BHC		ug/Kg	U	1.4	1.4
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	g-Chlordane		ug/Kg	U	3.6	3.6
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	Heptachlor		ug/Kg	U	7.2	7.2
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	Heptachlor epoxide		ug/Kg	U	7.2	7.2
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	Methoxychlor		ug/Kg	U	36	36
15B20 (0-2)	BV81849	SW8081	11/10/2016	2	Toxaphene		ug/Kg	U	140	140
15B20 (0-2)	BV81849	SW8082	11/10/2016	2	PCB-1016		ug/Kg	U	72	72
15B20 (0-2)	BV81849	SW8082	11/10/2016	2	PCB-1221		ug/Kg	U	72	72
15B20 (0-2)	BV81849	SW8082	11/10/2016	2	PCB-1232		ug/Kg	U	72	72
15B20 (0-2)	BV81849	SW8082	11/10/2016	2	PCB-1242		ug/Kg	U	72	72
15B20 (0-2)	BV81849	SW8082	11/10/2016	2	PCB-1248		ug/Kg	U	72	72
15B20 (0-2)	BV81849	SW8082	11/10/2016	2	PCB-1254		ug/Kg	U	72	72
15B20 (0-2)	BV81849	SW8082	11/10/2016	2	PCB-1260		ug/Kg	U	72	72
15B20 (0-2)	BV81849	SW8082	11/10/2016	2	PCB-1262		ug/Kg	U	72	72
15B20 (0-2)	BV81849	SW8082	11/10/2016	2	PCB-1268		ug/Kg	U	72	72
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.50	10
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.50	2.5



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	20	38
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	2.5	13
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	U	2.5	13
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Acetone		ug/Kg	UJ	2.5	13
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	1.3	10
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.25	10
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Benzene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	1.0	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Carbon Disulfide		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	0.50	2.5



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15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Ethylbenzene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	m&p-Xylene		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	2.5	15
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.50	5.0
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	2.5	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	o-Xylene		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Tert-butyl alcohol		ug/Kg	U	10	50
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	1.3	5.0
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Toluene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	1.3	5.0
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	0.50	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.25	2.5
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	110	180
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	130	180



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15B20 (0-2)	BV81849	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	89	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	250	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	100	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	100	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	2-Methylnaphthalene		ug/Kg	U	110	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	250	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	230	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	710	360
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	71	210
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	100	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	170	290
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	120	360
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	160	360
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	110	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	100	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	110	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Aniline		ug/Kg	U	290	290
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	120	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Benz(a)anthracene		ug/Kg	U	120	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Benzidine		ug/Kg	UJ	210	360
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Benzo(a)pyrene		ug/Kg	U	120	180
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Benzo(ghi)perylene		ug/Kg	U	120	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	UJ	710	1800
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	92	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	99	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	96	180
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	99	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250



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15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	140	180
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Chrysene		ug/Kg	U	120	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	100	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	110	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	110	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	95	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	92	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Fluoranthene	160	ug/Kg	J	120	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	120	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	100	180
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	130	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	110	180
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	100	180
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Naphthalene		ug/Kg	U	100	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	120	180
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	130	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	130	210
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Phenanthrene		ug/Kg	U	100	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Phenol		ug/Kg	U	110	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Pyrene	160	ug/Kg	J	120	250
15B20 (0-2)	BV81849	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	88	250
15B20 (12-14)	BV81850	E160.3	11/10/2016	1	SOLIDS, PERCENT	87	%			
15B20 (12-14)	BV81850	SW6010	11/10/2016	10	Aluminum	3090	mg/Kg		7.4	37
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Antimony		mg/Kg	U	2.0	2.0
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Arsenic		mg/Kg	U	0.74	0.74
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Barium	20.0	mg/Kg		0.37	0.7
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Beryllium	0.15	mg/Kg	J	0.15	0.29
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Cadmium		mg/Kg	U	0.37	0.37
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Calcium	423	mg/Kg		3.4	3.7
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Chromium	5.66	mg/Kg		0.37	0.37
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Cobalt	3.22	mg/Kg		0.37	0.37



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Copper	5.90	mg/Kg		0.37	0.37
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Iron	7000	mg/Kg	J	3.7	3.7
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Lead	1.2	mg/Kg		0.39	0.8
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Magnesium	1240	mg/Kg		3.7	3.7
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Manganese	82.1	mg/Kg	J	0.37	0.37
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Nickel	6.18	mg/Kg		0.37	0.37
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Potassium	377	mg/Kg		2.9	7
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.3	1.5
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.37	0.37
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Sodium	60	mg/Kg		3.2	7
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.5	1.5
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Vanadium	7.69	mg/Kg		0.37	0.37
15B20 (12-14)	BV81850	SW6010	11/10/2016	1	Zinc	11.9	mg/Kg		0.37	0.7
15B20 (12-14)	BV81850	SW7471	11/10/2016	1	Mercury		mg/Kg	UJ	0.02	0.03
15B20 (12-14)	BV81850	SW8082	11/10/2016	2	PCB-1016		ug/Kg	U	76	76
15B20 (12-14)	BV81850	SW8082	11/10/2016	2	PCB-1221		ug/Kg	U	76	76
15B20 (12-14)	BV81850	SW8082	11/10/2016	2	PCB-1232		ug/Kg	U	76	76
15B20 (12-14)	BV81850	SW8082	11/10/2016	2	PCB-1242		ug/Kg	U	76	76
15B20 (12-14)	BV81850	SW8082	11/10/2016	2	PCB-1248		ug/Kg	U	76	76
15B20 (12-14)	BV81850	SW8082	11/10/2016	2	PCB-1254		ug/Kg	U	76	76
15B20 (12-14)	BV81850	SW8082	11/10/2016	2	PCB-1260		ug/Kg	U	76	76
15B20 (12-14)	BV81850	SW8082	11/10/2016	2	PCB-1262		ug/Kg	U	76	76
15B20 (12-14)	BV81850	SW8082	11/10/2016	2	PCB-1268		ug/Kg	U	76	76
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.85	17
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.43	4.3



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15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	34	64
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	4.3	21
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	U	4.3	21
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Acetone		ug/Kg	UJ	4.3	21
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	2.1	17
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.43	17
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Benzene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	1.7	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Carbon Disulfide		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Ethylbenzene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	m&p-Xylene		ug/Kg	U	0.85	4.3



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	4.3	26
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.85	8.5
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	4.3	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	o-Xylene		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Tert-butyl alcohol		ug/Kg	U	17	85
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.1	8.5
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Toluene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.1	8.5
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	0.85	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.43	4.3
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	100	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	130	190
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	92	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	260	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	110	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	2-Chlorophenol		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
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	2-Methylnaphthalene		ug/Kg	U	110	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	260	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	240	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	740	370
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	74	220
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	170	300
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	120	370
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	170	370
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	110	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	100	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	120	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Aniline		ug/Kg	U	300	300
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	120	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Benz(a)anthracene		ug/Kg	U	120	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Benzidine		ug/Kg	UJ	220	370
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Benzo(a)pyrene		ug/Kg	U	120	190
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Benzo(b)fluoranthene		ug/Kg	U	130	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Benzo(ghi)perylene		ug/Kg	U	120	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Benzo(k)fluoranthene		ug/Kg	U	120	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	UJ	740	1900
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	96	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	150	190
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Chrysene		ug/Kg	U	120	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	120	190
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	110	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	120	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	120	260



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BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	99	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	96	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Fluoranthene		ug/Kg	U	120	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	120	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	110	190
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	130	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	110	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	110	190
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	100	190
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Naphthalene		ug/Kg	U	110	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	130	190
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	100	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	140	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	140	220
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Phenanthrene		ug/Kg	U	110	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Phenol		ug/Kg	U	120	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Pyrene		ug/Kg	U	130	260
15B20 (12-14)	BV81850	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	91	260
SOIL DUPLICATE	BV81851	E160.3	11/10/2016	1	SOLIDS, PERCENT	87	%			
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	10	Aluminum	3140	mg/Kg		7.2	36
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Antimony		mg/Kg	U	2.0	2.0
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Arsenic		mg/Kg	U	0.72	0.72
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Barium	18.5	mg/Kg		0.36	0.7
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Beryllium	0.15	mg/Kg	J	0.14	0.29
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Cadmium		mg/Kg	U	0.36	0.36
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Calcium	468	mg/Kg		3.3	3.6
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Chromium	5.49	mg/Kg		0.36	0.36
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Cobalt	3.40	mg/Kg		0.36	0.36
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Copper	6.22	mg/Kg		0.36	0.36
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Iron	7510	mg/Kg	J	3.6	3.6
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Lead	1.0	mg/Kg		0.39	0.8
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Magnesium	1230	mg/Kg		3.6	3.6
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	10	Manganese	219	mg/Kg	J	3.6	3.6
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Nickel	6.41	mg/Kg		0.36	0.36



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Potassium	344	mg/Kg		2.8	7
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Selenium		mg/Kg	U	1.2	1.4
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Silver		mg/Kg	U	0.36	0.36
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Sodium	59	mg/Kg		3.1	7
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Thallium		mg/Kg	U	1.4	1.4
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Vanadium	8.92	mg/Kg		0.36	0.36
SOIL DUPLICATE	BV81851	SW6010	11/10/2016	1	Zinc	12.3	mg/Kg		0.36	0.7
SOIL DUPLICATE	BV81851	SW7471	11/10/2016	1	Mercury		mg/Kg	UJ	0.02	0.03
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	4,4' -DDD		ug/Kg	U	2.2	2.2
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	4,4' -DDE		ug/Kg	U	2.2	2.2
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	4,4' -DDT		ug/Kg	U	2.2	2.2
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	a-BHC		ug/Kg	U	7.4	7.4
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	a-Chlordane		ug/Kg	U	3.7	3.7
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	Aldrin		ug/Kg	U	3.7	3.7
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	b-BHC		ug/Kg	U	7.4	7.4
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	Chlordane		ug/Kg	U	37	37
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	d-BHC		ug/Kg	U	7.4	7.4
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	Dieldrin		ug/Kg	U	3.7	3.7
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	Endosulfan I		ug/Kg	U	7.4	7.4
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	Endosulfan II		ug/Kg	U	7.4	7.4
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	Endosulfan sulfate		ug/Kg	U	7.4	7.4
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	Endrin		ug/Kg	U	7.4	7.4
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	Endrin aldehyde		ug/Kg	U	7.4	7.4
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	Endrin ketone		ug/Kg	U	7.4	7.4
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	g-BHC		ug/Kg	U	1.5	1.5
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	g-Chlordane		ug/Kg	U	3.7	3.7
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	Heptachlor		ug/Kg	U	7.4	7.4
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	Heptachlor epoxide		ug/Kg	U	7.4	7.4
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	Methoxychlor		ug/Kg	U	37	37
SOIL DUPLICATE	BV81851	SW8081	11/10/2016	2	Toxaphene		ug/Kg	U	150	150
SOIL DUPLICATE	BV81851	SW8082	11/10/2016	2	PCB-1016		ug/Kg	U	74	74
SOIL DUPLICATE	BV81851	SW8082	11/10/2016	2	PCB-1221		ug/Kg	U	74	74
SOIL DUPLICATE	BV81851	SW8082	11/10/2016	2	PCB-1232		ug/Kg	U	74	74
SOIL DUPLICATE	BV81851	SW8082	11/10/2016	2	PCB-1242		ug/Kg	U	74	74
SOIL DUPLICATE	BV81851	SW8082	11/10/2016	2	PCB-1248		ug/Kg	U	74	74
SOIL DUPLICATE	BV81851	SW8082	11/10/2016	2	PCB-1254		ug/Kg	U	74	74
SOIL DUPLICATE	BV81851	SW8082	11/10/2016	2	PCB-1260		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
SOIL DUPLICATE	BV81851	SW8082	11/10/2016	2	PCB-1262		ug/Kg	U	74	74
SOIL DUPLICATE	BV81851	SW8082	11/10/2016	2	PCB-1268		ug/Kg	U	74	74
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.93	19
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	UJ	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	37	70
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	UJ	4.7	23
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	UJ	4.7	23
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Acetone		ug/Kg	UJ	4.7	23
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	2.3	19
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.47	19
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Benzene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	0.93	4.7



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	1.9	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Carbon Disulfide		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Ethylbenzene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	m&p-Xylene		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	4.7	28
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.93	9.3
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	4.7	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	o-Xylene		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Tert-butyl alcohol		ug/Kg	U	19	93
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.3	9.3
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Toluene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.3	9.3
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	0.93	4.7
SOIL DUPLICATE	BV81851	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.47	4.7



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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	BV81851	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.47	4.7
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	210	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	2,4-Dichlorophenol		ug/Kg	U	130	190
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	2,4-Dimethylphenol		ug/Kg	U	93	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	260	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	2-Chloronaphthalene		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	2-Chlorophenol		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	2-Methylnaphthalene		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	2-Nitroaniline		ug/Kg	U	260	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	2-Nitrophenol		ug/Kg	U	240	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	3-Nitroaniline		ug/Kg	U	750	380
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	75	230
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	4-Chloroaniline		ug/Kg	U	180	300
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	4-Nitroaniline		ug/Kg	U	130	380
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	4-Nitrophenol		ug/Kg	U	170	380
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Acenaphthene		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Acenaphthylene		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Acetophenone		ug/Kg	U	120	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Aniline		ug/Kg	U	300	300
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Anthracene		ug/Kg	U	120	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Benz(a)anthracene		ug/Kg	U	130	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Benzidine		ug/Kg	UJ	220	380



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV81835

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Benzo(a)pyrene		ug/Kg	U	120	190
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Benzo(b)fluoranthene		ug/Kg	U	130	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Benzo(ghi)perylene		ug/Kg	U	120	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Benzo(k)fluoranthene		ug/Kg	U	120	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Benzoic acid		ug/Kg	UJ	750	1900
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Benzyl butyl phthalate		ug/Kg	U	97	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Carbazole		ug/Kg	U	150	190
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Chrysene		ug/Kg	U	130	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	120	190
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Dibenzofuran		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Diethyl phthalate		ug/Kg	U	120	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Dimethylphthalate		ug/Kg	U	120	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Di-n-butylphthalate		ug/Kg	U	100	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Di-n-octylphthalate		ug/Kg	U	97	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Fluoranthene		ug/Kg	U	120	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Fluorene		ug/Kg	U	120	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Hexachlorobenzene		ug/Kg	U	110	190
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	140	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	120	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Hexachloroethane		ug/Kg	U	110	190
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Isophorone		ug/Kg	U	110	190
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Naphthalene		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Nitrobenzene		ug/Kg	U	130	190
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Pentachloronitrobenzene		ug/Kg	U	140	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Pentachlorophenol		ug/Kg	U	140	230
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Phenanthrene		ug/Kg	U	110	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Phenol		ug/Kg	U	120	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Pyrene		ug/Kg	U	130	260
SOIL DUPLICATE	BV81851	SW8270	11/10/2016	1	Pyridine		ug/Kg	U	93	260



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV81835

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	50	1000
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,1,1-Trichloroethane		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,1,2-Trichloroethane		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,1-Dichloroethane		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,1-Dichloroethene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,1-Dichloropropene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,2,3-Trichlorobenzene		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,2,3-Trichloropropane		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,2,4-Trichlorobenzene		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,2,4-Trimethylbenzene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,2-Dibromoethane		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,2-Dichlorobenzene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,2-Dichloroethane		ug/Kg	U	25	25
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,2-Dichloropropane		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,3,5-Trimethylbenzene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,3-Dichlorobenzene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,3-Dichloropropane		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,4-Dichlorobenzene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	1,4-dioxane		ug/Kg	U	2000	2000
BV81852-TB	BV81852	SW8260	11/10/2016	50	2,2-Dichloropropane		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	2-Chlorotoluene		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	2-Hexanone		ug/Kg	U	250	1300
BV81852-TB	BV81852	SW8260	11/10/2016	50	2-Isopropyltoluene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	4-Chlorotoluene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	4-Methyl-2-pentanone		ug/Kg	U	250	1300
BV81852-TB	BV81852	SW8260	11/10/2016	50	Acetone		ug/Kg	UJ	250	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Acrolein		ug/Kg	UJ	130	1000
BV81852-TB	BV81852	SW8260	11/10/2016	50	Acrylonitrile		ug/Kg	U	25	1000
BV81852-TB	BV81852	SW8260	11/10/2016	50	Benzene		ug/Kg	U	25	60
BV81852-TB	BV81852	SW8260	11/10/2016	50	Bromobenzene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Bromochloromethane		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Bromodichloromethane		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Bromoform		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Bromomethane		ug/Kg	U	100	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Carbon Disulfide		ug/Kg	U	50	250



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV81835

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
BV81852-TB	BV81852	SW8260	11/10/2016	50	Carbon tetrachloride		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Chlorobenzene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Chloroethane		ug/Kg	UJ	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Chloroform		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Chloromethane		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	cis-1,2-Dichloroethene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	cis-1,3-Dichloropropene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Dibromochloromethane		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Dibromomethane		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Dichlorodifluoromethane		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Ethylbenzene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Hexachlorobutadiene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Isopropylbenzene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	m&p-Xylene		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Methyl Ethyl Ketone		ug/Kg	UJ	250	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	50	500
BV81852-TB	BV81852	SW8260	11/10/2016	50	Methylene chloride		ug/Kg	U	250	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Naphthalene		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	n-Butylbenzene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	n-Propylbenzene		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	o-Xylene		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	p-Isopropyltoluene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	sec-Butylbenzene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Styrene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Tert-butyl alcohol		ug/Kg	U	1000	5000
BV81852-TB	BV81852	SW8260	11/10/2016	50	tert-Butylbenzene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Tetrachloroethene		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Tetrahydrofuran (THF)		ug/Kg	U	130	500
BV81852-TB	BV81852	SW8260	11/10/2016	50	Toluene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	trans-1,2-Dichloroethene		ug/Kg	U	25	190
BV81852-TB	BV81852	SW8260	11/10/2016	50	trans-1,3-Dichloropropene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	trans-1,4-dichloro-2-butene		ug/Kg	U	130	500
BV81852-TB	BV81852	SW8260	11/10/2016	50	Trichloroethene		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Trichlorofluoromethane		ug/Kg	U	50	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Trichlorotrifluoroethane		ug/Kg	U	25	250
BV81852-TB	BV81852	SW8260	11/10/2016	50	Vinyl chloride		ug/Kg	U	25	25
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV81835

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,1-Dichloroethene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,1-Dichloropropene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,2-Dibromoethane		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,2-Dichloroethane		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	1,4-dioxane		ug/Kg	U	40	75
BV81853-TB	BV81853	SW8260	11/10/2016	1	2,2-Dichloropropane		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	2-Chlorotoluene		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	2-Hexanone		ug/Kg	U	5.0	25
BV81853-TB	BV81853	SW8260	11/10/2016	1	2-Isopropyltoluene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	4-Chlorotoluene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	4-Methyl-2-pentanone		ug/Kg	U	5.0	25
BV81853-TB	BV81853	SW8260	11/10/2016	1	Acetone		ug/Kg	UJ	5.0	25
BV81853-TB	BV81853	SW8260	11/10/2016	1	Acrolein		ug/Kg	UJ	2.5	20
BV81853-TB	BV81853	SW8260	11/10/2016	1	Acrylonitrile		ug/Kg	U	0.50	20
BV81853-TB	BV81853	SW8260	11/10/2016	1	Benzene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Bromobenzene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Bromochloromethane		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Bromodichloromethane		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Bromoform		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Bromomethane		ug/Kg	U	2.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Carbon Disulfide		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Carbon tetrachloride		ug/Kg	U	1.0	5.0



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BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV81835

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
BV81853-TB	BV81853	SW8260	11/10/2016	1	Chlorobenzene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Chloroethane		ug/Kg	UJ	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Chloroform		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Chloromethane		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Dibromochloromethane		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Dibromomethane		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Ethylbenzene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Hexachlorobutadiene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Isopropylbenzene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	m&p-Xylene		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	5.0	30
BV81853-TB	BV81853	SW8260	11/10/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
BV81853-TB	BV81853	SW8260	11/10/2016	1	Methylene chloride		ug/Kg	U	5.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Naphthalene		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	n-Butylbenzene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	n-Propylbenzene		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	o-Xylene		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	p-Isopropyltoluene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	sec-Butylbenzene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Styrene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Tert-butyl alcohol		ug/Kg	U	20	100
BV81853-TB	BV81853	SW8260	11/10/2016	1	tert-Butylbenzene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Tetrachloroethene		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.5	10
BV81853-TB	BV81853	SW8260	11/10/2016	1	Toluene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	10
BV81853-TB	BV81853	SW8260	11/10/2016	1	Trichloroethene		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.50	5.0
BV81853-TB	BV81853	SW8260	11/10/2016	1	Vinyl chloride		ug/Kg	U	0.50	5.0

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV82267
Client: Environmental Business Consultants
Date: 02/17/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for six (6) soil samples analyzed for Semi-volatiles by SW-846 Method 8270D in accordance with the NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/11/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/14/2016 for analysis.
3. The USEPA Region-II SOP HW-35, Revision 2, March 2013, Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SW-846 Method 8270D was used in evaluating the Semi-volatiles data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (see discussion below).



Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B6 (5-7)	BV82267	11/11/16	SVO	Soil	
15B6 (12-14)	BV82268	11/11/16	SVO	Soil	
15B7 (12-14)	BV82270	11/11/16	SVO	Soil	
15B7 (18-20)	BV82271	11/11/16	SVO	Soil	
15B7 (23-25)	BV82272	11/11/16	SVO	Soil	
SOIL DUPLICATE 2	BV82274	11/11/16	SVO	Soil	Field Duplicate to Sample 15B7 (12-14)

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/MS Tuning:

1. All of the DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/04/2016 (CHEM05) exhibited acceptable %RSDs ($\leq 30.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (> 0.050) with the following exception(s):

Compound	%RSD
2,4-Dinitrophenol	41.5
Pentachlorophenol	34.3

Client Sample ID	Laboratory Sample ID	Compound	Action
15B6 (5-7)	BV82267	2,4-Dinitrophenol, Pentachlorophenol	None

2. Initial calibration curve analyzed on 10/24/2016 (CHEM19) exhibited acceptable %RSDs ($\leq 30.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (> 0.050) with the following exception(s):

Compound	%RSD
Benzoic Acid	20.9
2,4-Dinitrophenol	20.7

Client Sample ID	Laboratory Sample ID	Compound	Action
15B6 (12-14)	BV82268	Benzoic Acid, 2,4-Dinitrophenol	None
15B7 (12-14)	BV82270	Benzoic Acid, 2,4-Dinitrophenol	None
15B7 (18-20)	BV82271	Benzoic Acid, 2,4-Dinitrophenol	None
15B7 (23-25)	BV82272	Benzoic Acid 2,4-Dinitrophenol	J None
SOIL DUPLICATE 2	BV82274	Benzoic Acid, 2,4-Dinitrophenol	None

Continuing Calibration Verification (CCV):

1. CCV analyzed on 11/15/2016 @ 09:26 (CHEM05) exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$ with the following exception(s):

Compound	%D
Pentachlorophenol	-27.2

Client Sample ID	Laboratory Sample ID	Compound	Action
15B6 (5-7)	BV82267	Pentachlorophenol	UJ

2. CCV analyzed on 11/15/2016 @ 20:36 (CHEM05) exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$. No qualifications were required.
3. CCV analyzed on 11/14/2016 @ 19:06 (CHEM19) exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$. No qualifications were required.

- CCV analyzed on 11/14/2016 @ 23:51 (CHEM19) exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$. No qualifications were required.

Surrogates:

- Surrogate %REC values were within the QC acceptance limits. No qualifications were required.

Internal Standard (IS) Area Performance:

- All samples exhibited acceptable area count for all six internal standards. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

- Method Blank (BV82268 BLANK) associated with the soil samples extracted on 11/14/2016 and analyzed on 11/14/2016 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

- Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) associated with Batch ID: BV82268 were analyzed on 11/14/2016. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
1,3-Dichlorobenzene	43/49/A	15B6 (12-14), 15B7 (12-14), 15B7 (18-20), 15B7 (23-25), SOIL DUPLICATE 2	UJ
1,4-Dichlorobenzene	48/56/A	15B6 (12-14), 15B7 (12-14), 15B7 (18-20), 15B7 (23-25), SOIL DUPLICATE 2	UJ
1,2-Dichlorobenzene	52/57/A	15B6 (12-14), 15B7 (12-14), 15B7 (18-20), 15B7 (23-25), SOIL DUPLICATE 2	UJ
Benzoic Acid	9/3/109.6	15B6 (12-14), 15B7 (12-14), 15B7 (18-20) SOIL DUPLICATE 2 15B7 (23-25)	UJ UJ J
Naphthalene	61/66/A	15B6 (12-14), 15B7 (12-14), 15B7 (18-20), 15B7 (23-25), SOIL DUPLICATE 2	UJ
2,4-Dinitrophenol	16/7/74.7	15B6 (12-14), 15B7 (12-14), 15B7 (18-20), 15B7 (23-25), SOIL DUPLICATE 2	UJ
4,6-Dinitro-2-methylphenol	A/25/55.1	15B6 (12-14), 15B7 (12-14), 15B7 (18-20),	UJ

Compound	%R/%R/RPD	Sample Affected	Action
		15B7 (23-25), SOIL DUPLICATE 2	
Benzidine	17/19/A	15B6 (12-14), 15B7 (12-14), 15B7 (18-20), 15B7 (23-25), SOIL DUPLICATE 2	UJ

A= Acceptable

Field Duplicate:

1. Sample SOIL DUPLICATE 2 (BV82274) was collected as a field duplicate of sample 15B7 (12-14) (BV82270). Both samples were non-detect for SVOCs. No qualifications were required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) was performed on sample 15B6 (12-14) (BV82268). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R	Sample Affected	Action
1,3-Dichlorobenzene	50/48/A	15B6 (12-14)	UJ ¹
1,4-Dichlorobenzene	56/53/A	15B6 (12-14)	UJ ¹
1,2-Dichlorobenzene	61/57/A	15B6 (12-14)	UJ ¹
Naphthalene	A/67/A	15B6 (12-14)	UJ ¹
Benzidine	6/5/A	15B6 (12-14)	UJ ¹

A= Acceptable

- (1) Results for these compounds were qualified previously due to LCS recovery criteria.

Target Compound Identification:

1. All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).
2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

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

2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.

3. Manual Calculation:

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

C_x = concentration of analyte as ug/kg

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

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

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

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

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

VE= final volume of concentrated extract

Sample: BV82268 LCS

Pyrene

Sample weight= 15g

Volume purged=1.0ml

DF = 1

%Solids=NA

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{677203 \times 40 \times 1 \times 1000}{503616 \times 1.454 \times 15} = 2466.7 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Pyrene	2467	2467	0.0

Comments:

1. Semivolatile data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV82267.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV82267.



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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV82267
Client: Environmental Business Consultants
Date: 02/17/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for six (6) soil samples and two (2) trip blanks analyzed for Volatiles by SW-846 Method 8260C in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/11/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/14/2016 for analysis.
3. The USEPA Region-II SOP HW-24, Revision 4, October 2014, Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SW-846 Method 8260C was used in evaluating the Volatiles data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (see discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B6 (5-7)	BV82267	11/11/16	VOA	Soil	
15B6 (12-14)	BV82268	11/11/16	VOA	Soil	
15B7 (12-14)	BV82270	11/11/16	VOA	Soil	
15B7 (18-20)	BV82271	11/11/16	VOA	Soil	
15B7 (23-25)	BV82272	11/11/16	VOA	Soil	
SOIL DUPLICATE 2	BV82274	11/11/16	VOA	Soil	Field Duplicate to Sample 15B7 (12-14)
Trip Blank High	BV82275	11/11/16	VOA	Soil	
Trip Blank Low	BV82276	11/11/16	VOA	Soil	

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were analyzed within 14 days from sample collection. No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/11/2016 (Chem03) exhibited acceptable %RSDs ($\leq 30.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (> 0.050) with the following exception(s):

Compound	RRF	%RSD
Chloroethane	A	25.2
Acrolein	0.036	A
Acetone	A	28.5

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
Trip Blank Low	BV82276	Chloroethane, Acrolein, Acetone	UJ
Trip Blank High	BV82275	Chloroethane, Acrolein, Acetone	UJ
15B6 (5-7)	BV82267	Chloroethane, Acrolein Acetone	UJ J
15B7 (18-20)	BV82271	Chloroethane, Acrolein, Acetone	UJ
15B7 (23-25) HL	BV82272	Chloroethane, Acrolein Acetone	UJ J
15B6 (5-7) DL	BV82267	Chloroethane, Acrolein Acetone	UJ J
15B7 (12-14)	BV82270	Chloroethane, Acrolein Acetone	UJ J
15B7 (23-25) LL	BV82272	Chloroethane, Acrolein Acetone	UJ J
SOIL DUPLICATE 2	BV82274	Chloroethane, Acrolein Acetone	UJ J
15B6 (12-14)	BV82268	Chloroethane, Acrolein Acetone	UJ J

Continuing Calibration Verification (CCV):

1. CCV analyzed on 11/14/2016 @ 19:35 (CHEM03) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.
2. CCV analyzed on 11/15/2016 @ 06:37 (CHEM03) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$ with the following exception(s):

Compound	RRF	%D
Acrolein ¹	A	25.0
Acetone ¹	A	30.9
Tetrahydrofuran	A	22.5
Methyl Ethyl Ketone	A	36.5
4-Methyl-2-Pentanone	A	27.3
2-Hexanone	A	29.4

A= Acceptable

(1) Results for this compound were previously qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
Trip Blank Low	BV82276	Acrolein, Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone	UJ
Trip Blank High	BV82275	Acrolein, Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone	UJ
15B6 (5-7)	BV82267	Acrolein, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone Acetone	UJ UJ J
15B7 (18-20)	BV82271	Acrolein, Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone	UJ
15B7 (23-25) HL	BV82272	Acetone	J

- CCV analyzed on 11/15/2016 @ 09:30 (CHEM03) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.
- CCV analyzed on 11/15/2016 @ 20:12 (CHEM03) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$ with the following exception(s):

Compound	RRF	%D
Acetone	A	22.7
Methyl Ethyl Ketone	A	24.2

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15B6 (5-7) DL	BV82267	None	None
15B7 (12-14)	BV82270	Acetone Methyl Ethyl Ketone	J ¹ UJ
15B7 (23-25) LL	BV82272	Acetone Methyl Ethyl Ketone	J ¹ J
SOIL DUPLICATE 2	BV82274	Acetone Methyl Ethyl Ketone	J ¹ UJ
15B6 (12-14)	BV82268	Acetone Methyl Ethyl Ketone	J ¹ J

(1) Results for this compound were previously qualified due to ICV criteria.

Surrogates:

1. All surrogates %RECs values for all soil samples and associated QC were within the laboratory control limits. No qualifications were required.

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all three internal standards within the QC limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BV82268 Blank) analyzed on 11/15/2016 was free of contamination. No qualifications were required.
2. Method Blank (BV82544 Blank) analyzed on 11/14/2016 was free of contamination. No qualifications were required.
3. Trip Blank High (BV82275) analyzed on 11/14/2016 was free of contamination. No qualifications were required.
4. Trip Blank Low (BV82276) analyzed on 11/14/2016 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Sample ID: BV82268 were analyzed on 11/15/2016. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Acetone	61/68/A	15B6 (5-7) DL 15B7 (12-14), 15B7 (23-25) LL, SOIL DUPLICATE 2, 15B6 (12-14)	J ¹
Methyl Ethyl Ketone	66/A/A	15B6 (5-7) DL, 15B7 (12-14) SOIL DUPLICATE 2 15B7 (23-25) LL, 15B6 (12-14)	UJ ¹ UJ ¹ J ¹
1,2,3-Trichlorobenzene	66/A/A	15B6 (5-7) DL, 15B6 (12-14), 15B7 (12-14), 15B7 (23-25) LL, SOIL DUPLICATE 2	UJ

A= Acceptable

(1) Results for this compound were previously qualified due to ICV/CCV criteria.

- Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Sample ID: BV82544 were analyzed on 11/14/2016. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Acetone	65/66/A	Trip Blank Low, Trip Blank High, 15B6 (5-7), 15B7 (18-20), 15B7 (23-25) HL	UJ ¹
Methyl Ethyl Ketone	67/A/A	Trip Blank Low, Trip Blank High, 15B6 (5-7) 15B7 (18-20) 15B7 (23-25) HL	UJ ¹ UJ ¹ J ¹

A= Acceptable

(1) Results for this compound were previously qualified due to CCV criteria.

Field Duplicate:

- Sample SOIL DUPLICATE 2 (BV82274) was collected as a field duplicate of sample 15B7 (12-14) (BV82270). All RPDs were <50% with the following exception(s):

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15B7 (12-14)	1,2,4-Trimethylbenzene	SW-846 8260	2.3	µg/Kg	Soil Duplicate 2	1.0	µg/Kg	78.8	J
15B7 (12-14)	1,3,5-Trimethylbenzene	SW-846 8260	0.81	µg/Kg	Soil Duplicate 2	ND	µg/Kg	NC	J/UJ
15B7 (12-14)	Acetone	SW-846 8260	24	µg/Kg	Soil Duplicate 2	26	µg/Kg	8.0	None
15B7 (12-14)	Benzene	SW-846 8260	1.9	µg/Kg	Soil Duplicate 2	0.86	µg/Kg	75.4	J
15B7 (12-14)	Ethylbenzene	SW-846 8260	2.8	µg/Kg	Soil Duplicate 2	1.3	µg/Kg	73.2	J
15B7 (12-14)	M&p-Xylene	SW-846 8260	4.9	µg/Kg	Soil Duplicate 2	2.1	µg/Kg	80.0	J
15B7 (12-14)	Methyl t-butyl ether	SW-846 8260	7.5	µg/Kg	Soil Duplicate 2	5.1	µg/Kg	38.1	None
15B7 (12-14)	Naphthalene	SW-846 8260	1.1	µg/Kg	Soil Duplicate 2	ND	µg/Kg	NC	J/UJ
15B7 (12-14)	o-xylene	SW-846 8260	2.7	µg/Kg	Soil Duplicate 2	ND	µg/Kg	NC	J/UJ
15B7 (12-14)	Tert-butyl alcohol	SW-846 8260	200	µg/Kg	Soil Duplicate 2	300	µg/Kg	40	None

ND = Non-detect NC = Not calculated

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

- Matrix Spike (MS) was performed on sample 15B6 (12-14) (BV82268). All %RECs were within the laboratory control limits with the following exception(s):



Compound	%R	Sample Affected	Action
Acetone	A/A/52.6	15B6 (12-14)	J ¹
Methyl Ethyl Ketone	A/69/A	15B6 (12-14)	J ¹
1,3,5-Trimethylbenzene	146/A/31.7	15B6 (12-14)	J
1,2,4-Trimethylbenzene	263/A/83.6	15B6 (12-14)	J
Naphthalene	327/132/85	15B6 (12-14)	J
Tert-butyl alcohol	A/132/A	15B6 (12-14)	None
1,4-Dioxane	A/139/A	15B6 (12-14)	None

A= Acceptable

(1) Results for these compounds were qualified previously due to LCS recovery criteria

Target Compound Identification:

1. All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).
2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range. No qualifications were required.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:

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

C_x = concentration of analyte as ug/kg

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

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

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

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

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

BV83365 LCS

Carbon disulfide

Sample weight= 5.0g

Volume purged=5.0ml

DF = 1

%Solids=NA

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{331522 \times 50 \times 1 \times 5.0}{279626 \times 0.999 \times 5.0} = 59.34 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Carbon disulfide	59	59	0.0

Comments:

1. Volatile data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV82267.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV82267.

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV82267
Client: Environmental Business Consultants
Date: 02/17/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for three (3) soil samples analyzed for Pesticides by SW-846 Method 8081B in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/11/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/14/2016 for analysis.
3. The USEPA Region-II SOP HW-44, Revision 1, October 2006, Validating Pesticide compounds by Gas Chromatography, SW-846 Method 8081B was used in evaluating the Pesticides data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (See discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B6 (12-14)	BV82268	11/11/16	Pesticides	Soil	
15B7 (12-14)	BV82270	11/11/16	Pesticides	Soil	
SOIL DUPLICATE 2	BV82274	11/11/16	Pesticides	Soil	Field Duplicate to Sample 15B7 (12-14)

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/ECD Instrument Performance Check:

1. 4,4'-DDT and Endrin breakdown exhibited acceptable results ($\pm 20\%$). No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/14/2016 (ECD13) exhibited acceptable %RSD on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 11/15/2016 exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all soil samples were within the laboratory control limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BJ87752 BL) associated with the soil samples extracted on 11/14/2016 and analyzed on 11/16/2016 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample associated with ID: BV82268 LCS was analyzed on 11/16/2016. All %RECs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE 2 (BV82274) was collected as a field duplicate of sample 15B7 (12-14) (BV82270). Both samples were non-detect for PCBS. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15B6 (12-14) (BV82268). All %RECs/RPDs were within the laboratory control. No qualifications were required.

Compound Quantitation, Compound Identification and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:

BV82268 LCS

Alpha-BHC

On Column concentration (A) = 35.4369ng
Sample Weight= 15.0g
DF = 2
Vi= 5ml
%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{35.4369\text{ng} \times 5\text{ml} \times 2}{15.0\text{g}} = 23.6\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Alpha-BHC	23.6	23.6	0.0

Comments:

1. Pesticides data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV82267.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV82267.

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV82267
Client: Environmental Business Consultants
Date: 02/17/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for three (3) soil samples analyzed for PCBs by SW-846 Method 8082A in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/11/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/14/2016 for analysis.
3. The USEPA Region-II SOP HW-37, Revision 3, May 2013, Validating PCBs compounds by Gas Chromatography, SW-846 Method 8082A was used in evaluating the PCBs data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (see discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B6 (12-14)	BV82268	11/11/16	PCBs	Soil	
15B7 (12-14)	BV82270	11/11/16	PCBs	Soil	
SOIL DUPLICATE 2	BV82274	11/11/16	PCBs	Soil	Field Duplicate to Sample 15B7 (12-14)

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/14/2016 (ECD24) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 11/14-15/2016 exhibited acceptable %Ds ($\leq 15.0\%$) for all compounds. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all soil samples and associated QC were within the laboratory control limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BV82268 BL) associated with the soil samples extracted on 11/14/2016 and analyzed on 11/15/2016 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with ID: BV82268 were analyzed on 11/15/2016. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE 2 (BV82274) was collected as a field duplicate of sample 15B7 (12-14) (BV82270). Both samples were non-detect for PCBs. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15B6 (12-14) (BV82268). All %RECs/RPDs were within the control limits. No qualifications were required.

Compound Quantitation, Compound Identification and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:

BV82268 LCS

Aroclor-1016

On Column concentration (B)= 339.259ng

Sample weight= 15.0g

DF= 10

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{339.259\text{ng} \times 5\text{ml} \times 10}{15.0\text{g}} = 1130.9\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Aroclor-1016	1130	1130	0.0

Comments:

1. PCBs data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV82267.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV82267.

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
Client: Environmental Business Consultants
Date: 02/20/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for six (6) soil samples analyzed for the following analyses:
 - 1.1 Trace Metals-ICP-AES by SW-846 Method 6010C.
 - 1.2 Mercury by SW-846 Method 7471A.
2. The samples were collected on 11/11/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/14/2016 for analysis.
3. The USEPA Region-II SOP No. HW-2a, Revision 15, December 2012, Validation of ICP-AES was used in evaluating the Trace Metals data and USEPA Region-II SOP No. HW-2c, Revision 15, December 2012, Validation of Mercury and Cyanide was used in evaluating the mercury data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (See discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B6 (5-7)	BV82267	11/11/16	ICP, CVAA	Soil	
15B6 (12-14)	BV82268	11/11/16	ICP, CVAA	Soil	
15B7 (12-14)	BV82270	11/11/16	ICP, CVAA	Soil	
15B7 (18-20)	BV82271	11/11/16	ICP, CVAA	Soil	
15B7 (23-25)	BV82272	11/11/16	ICP, CVAA	Soil	
SOIL DUPLICATE 2	BV82274	11/11/16	ICP, CVAA	Soil	Field Duplicate to Sample 15B7 (12-14)

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were analyzed within the 6 months holding times for Trace Metals analysis by ICP-AES. No qualifications were required.
2. All soil samples were digested and analyzed within the 28 days holding times for Mercury analysis. No qualifications were required.

Initial and Continuing Calibration Verification (ICV and CCV):

ICP-AES:

1. All %RECs in the ICV and CCVs were within QC limits (90-110). No qualifications were required.

Mercury:

- 1 All correlation coefficient for Mercury calibration curve analyzed were ≥ 0.995 . No qualifications were required.

- All ICVs and CCVs %REC values were within the QC limits (80-120%). No qualifications were required.

CRQL Check Standard (CRI):

- All CRI analyzed %RECs were within the control limits (70-130%) with the following exception(s):

Analyte	Date Analyzed	Initial %R	Final %R	Sample Affected	Action
Iron	11/15/2016: 10:16/14:24	A	236.3	15B7 (23-25) 15B6 (5-7), 15B6 (12-14), 15B7 (12-14), 15B7 (18-20), SOIL DUPLICATE 2	J

A=Acceptable

ICP-AES Interference Check Sample:

- All %REC values were within the QC limits (80-120%) for ICSA and ICSAB. No qualifications were required.

Blanks (Method Blank, ICB and CCB):

ICP-AES:

- Method Blank-Soil (BV82268) digested on 11/14/2016 was free of contamination with the following exception(s):

Element	Concentration (mg/Kg)	CRQL* (µg/L)	Sample Affected	Action
Copper	0.76	5	15B7 (23-25) 15B6 (5-7), 15B6 (12-14), 15B7 (12-14), 15B7 (18-20) SOIL DUPLICATE 2	U None None
Zinc	0.34	10	15B7 (23-25) 15B6 (5-7), 15B6 (12-14), 15B7 (12-14), 15B7 (18-20) SOIL DUPLICATE 2	None

*= If sample concentration >MDL but < Reporting limit, then sample result qualified as non-detect (U). If sample concentration greater than CRQL but less than 10x the blank result, then qualify estimated (J). If sample concentration greater than 10x the blank results or sample was not detected then no qualifications or action is required.



2. All ICB and CCBs were free of contamination with the following exception(s):

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Aluminum	99	50	None	None

*= If sample concentration >MDL but < Reporting limit, then sample result qualified as non-detect (U). If sample concentration greater than CRQL but less than 10x the blank result, then qualify estimated (J). If sample concentration greater than 10x the blank results or sample was not detected then no qualifications or action is required.

Mercury:

- All ICB and CCBs were free of contamination. No qualifications were required.
- Method Blank (BV82268) digested on 11/15/2016 was free of contamination. No qualifications were required.

Field Blank (FB) and Equipment Blank (EB):

- Field Blanks were not submitted with this SDG.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

ICP-AES and Mercury:

- Laboratory Control Sample %RECs were within the laboratory control limits (75-125%). No qualifications were required.

Field Duplicate:

- Sample SOIL DUPLICATE 2 (BV82274) was collected as a field duplicate of sample 15B7 (12-14) (BV82270). All of the RPDs were ≤50% (or difference >2XCRDL). No qualifications were required.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	Difference	RPD	Qualifier
15B7 (12-14)	Aluminum	SW8466010B	7000	mg/Kg	SOIL DUPLICATE 2	5940	mg/Kg	NA	16.4	None
15B7 (12-14)	Arsenic	SW8466010B	1.21	mg/Kg	SOIL DUPLICATE 2	1.17	mg/Kg	0.0	NA	None
15B7 (12-14)	Barium	SW8466010B	29.2	mg/Kg	SOIL DUPLICATE 2	24.3	mg/Kg	NA	18.3	None
15B7 (12-14)	Beryllium	SW8466010B	0.31	mg/Kg	SOIL DUPLICATE 2	0.25	mg/Kg	0.1	NA	None



Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	Difference	RPD	Qualifier
15B7 (12-14)	Calcium	SW8466010B	911	mg/Kg	SOIL DUPLICATE 2	814	mg/Kg	NA	11.2	None
15B7 (12-14)	Chromium	SW8466010B	21.7	mg/Kg	SOIL DUPLICATE 2	18.0	mg/Kg	NA	18.6	None
15B7 (12-14)	Cobalt	SW8466010B	6.08	mg/Kg	SOIL DUPLICATE 2	5.43	mg/Kg	NA	11.3	None
15B7 (12-14)	Copper	SW8466010B	10.5	mg/Kg	SOIL DUPLICATE 2	8.44	mg/Kg	NA	21.8	None
15B7 (12-14)	Iron	SW8466010B	13500	mg/Kg	SOIL DUPLICATE 2	11400	mg/Kg	NA	16.9	None
15B7 (12-14)	Lead	SW8466010B	1.3	mg/Kg	SOIL DUPLICATE 2	1.3	mg/Kg	0	NA	None
15B7 (12-14)	Magnesium	SW8466010B	2300	mg/Kg	SOIL DUPLICATE 2	2000	mg/Kg	NA	14.0	None
15B7 (12-14)	Manganese	SW8466010B	301	mg/Kg	SOIL DUPLICATE 2	247	mg/Kg	NA	19.7	None
15B7 (12-14)	Nickel	SW8466010B	9.64	mg/Kg	SOIL DUPLICATE 2	8.54	mg/Kg	NA	12.1	None
15B7 (12-14)	Potassium	SW8466010B	799	mg/Kg	SOIL DUPLICATE 2	649	mg/Kg	NA	20.7	None
15B7 (12-14)	Sodium	SW8466010B	182	mg/Kg	SOIL DUPLICATE 2	161	mg/Kg	NA	12.2	None
15B7 (12-14)	Vanadium	SW8466010B	25.1	mg/Kg	SOIL DUPLICATE 2	18.6	mg/Kg	NA	29.7	None
15B7 (12-14)	Zinc	SW8466010B	24.7	mg/Kg	SOIL DUPLICATE 2	20.6	mg/Kg	NA	18.1	None

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

ICP-AES and Mercury:

1. Matrix Spike (MS) was performed on sample 15B6 (12-14) (BV82268) for total metals and mercury. All %Rs were within the laboratory control limits with the following exception(s):

Compound	%R/Post %R	Sample Affected	Action
Potassium	133/A	15B6 (12-14)	J
Manganese	26.3/A	15B6 (12-14)	J
Sodium	139/A	15B6 (12-14)	J

A= Acceptable

Sample Duplicate:

ICP-AES and Mercury:

1. Laboratory Duplicate was performed on sample 15B6 (12-14) (BV82268) (total) for ICP-AES, GFAA, and mercury. All RPDs were within the laboratory control limits. No qualifications were required.

ICP-AES Serial Dilution:

1. ICP serial dilution was performed on sample 15B6 (12-14) (BV82268). For all results for which the concentration in the original sample is $\geq 50x$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit ($\%D \pm 10\%$). No qualifications were required.

Verification of Instrumental Parameters:

1. The following Forms were present in the data package:
 - 1.1 Method Detection Limits, Form- X.
 - 1.2 ICP-AES Interement Correction Factors, Form -XIA and Form-XIB.
 - 1.3 ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were $>50\%$. No qualifications were required.
3. Manual calculation:

Sample: 15B7 (12-14) (BV82270)

Lead

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

$$V = 50ml$$

$$W = 0.77g$$

$$\%Solids = 83.0$$

$$DF = 1.0$$

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{15.99\text{ug/L} \times 50 \times 1.0 \times 1\text{L} \times 1000\text{gx} \ 1\text{mg}}{0.77 \times 0.83 \times 1000\text{ml} \times 1 \ \text{kg} \times 1000\text{ug}} = 1.251 \ \text{mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Lead	1.3	1.3	0.0

Comments:

1. Trace Metals data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV82267.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV82267.



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV82267

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	62	1200
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,1,1-Trichloroethane		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,1,2-Trichloroethane		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,1-Dichloroethane		ug/Kg	U	62	270
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,1-Dichloroethene		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,1-Dichloropropene		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,2,3-Trichlorobenzene		ug/Kg	UJ	62	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,2,3-Trichloropropane		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	1200	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,2,4-Trichlorobenzene		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	1,2,4-Trichlorobenzene		ug/Kg	U	1000	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	500	1,2,4-Trimethylbenzene	56000	ug/Kg	D	320	3200
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,2-Dibromoethane		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,2-Dichlorobenzene		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	1,2-Dichlorobenzene		ug/Kg	U	970	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,2-Dichloroethane		ug/Kg	U	31	31
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,2-Dichloropropane		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	1,2-Diphenylhydrazine		ug/Kg	U	1100	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	500	1,3,5-Trimethylbenzene	15000	ug/Kg	D	320	3200
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,3-Dichlorobenzene		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	1,3-Dichlorobenzene		ug/Kg	U	1000	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,3-Dichloropropane		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,4-Dichlorobenzene		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	1,4-Dichlorobenzene		ug/Kg	U	1000	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	1,4-dioxane		ug/Kg	U	2500	2500
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	2,2-Dichloropropane		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	2,4,5-Trichlorophenol		ug/Kg	U	1900	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	2,4,6-Trichlorophenol		ug/Kg	U	1100	1700
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	2,4-Dichlorophenol		ug/Kg	U	1200	1700
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	2,4-Dimethylphenol		ug/Kg	U	850	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	2,4-Dinitrophenol		ug/Kg	U	2400	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	2,4-Dinitrotoluene		ug/Kg	U	1400	1700
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	2,6-Dinitrotoluene		ug/Kg	U	1100	1700
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	2-Chloronaphthalene		ug/Kg	U	980	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	2-Chlorophenol		ug/Kg	U	980	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	2-Chlorotoluene		ug/Kg	U	62	310



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	2-Hexanone		ug/Kg	UJ	310	1600
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	2-Isopropyltoluene	110	ug/Kg	J	31	310
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	2-Methylnaphthalene	6900	ug/Kg		1000	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	2-Methylphenol (o-cresol)		ug/Kg	U	1600	1600
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	2-Nitroaniline		ug/Kg	U	2400	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	2-Nitrophenol		ug/Kg	U	2200	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	1400	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	3,3'-Dichlorobenzidine		ug/Kg	U	1600	1700
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	3-Nitroaniline		ug/Kg	U	6900	3400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	4,6-Dinitro-2-methylphenol		ug/Kg	U	690	2100
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	4-Bromophenyl phenyl ether		ug/Kg	U	1000	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	4-Chloro-3-methylphenol		ug/Kg	U	1200	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	4-Chloroaniline		ug/Kg	U	1600	2700
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	4-Chlorophenyl phenyl ether		ug/Kg	U	1200	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	4-Chlorotoluene		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	4-Methyl-2-pentanone		ug/Kg	UJ	310	1600
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	4-Nitroaniline		ug/Kg	U	1100	3400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	4-Nitrophenol		ug/Kg	U	1600	3400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Acenaphthene		ug/Kg	U	1000	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Acenaphthylene		ug/Kg	U	960	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Acetone	550	ug/Kg	J	310	310
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Acetophenone		ug/Kg	U	1100	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Acrolein		ug/Kg	UJ	160	1200
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Acrylonitrile		ug/Kg	U	31	1200
15B6 (5-7)	BV82267	SW6010	11/11/2016	10	Aluminum	4400	mg/Kg		6.2	31
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Aniline		ug/Kg	U	2700	2700
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Anthracene		ug/Kg	U	1100	2400
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Antimony		mg/Kg	U	1.6	1.6
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Arsenic	1.25	mg/Kg		0.62	0.62
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Barium	12.5	mg/Kg		0.31	0.6
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Benz(a)anthracene		ug/Kg	U	1200	1200
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Benzene		ug/Kg	U	31	60
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Benzidine		ug/Kg	U	2000	3400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Benzo(a)pyrene		ug/Kg	U	1100	1100
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Benzo(b)fluoranthene		ug/Kg	U	1200	1200
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Benzo(ghi)perylene		ug/Kg	U	1100	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Benzo(k)fluoranthene		ug/Kg	U	1100	1100



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Benzoic acid		ug/Kg	U	6900	17000
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Benzyl butyl phthalate		ug/Kg	U	890	2400
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Beryllium	0.20	mg/Kg	J	0.12	0.25
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Bis(2-chloroethoxy)methane		ug/Kg	U	950	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Bis(2-chloroethyl)ether		ug/Kg	U	930	1700
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Bis(2-chloroisopropyl)ether		ug/Kg	U	950	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Bis(2-ethylhexyl)phthalate	2600	ug/Kg		990	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Bromobenzene		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Bromochloromethane		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Bromodichloromethane		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Bromoform		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Bromomethane		ug/Kg	U	120	310
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Cadmium		mg/Kg	U	0.31	0.31
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Calcium	655	mg/Kg		2.9	3.1
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Carbazole		ug/Kg	U	1400	1700
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Carbon Disulfide		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Carbon tetrachloride		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Chlorobenzene		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Chloroethane		ug/Kg	UJ	31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Chloroform		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Chloromethane		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Chromium	8.72	mg/Kg		0.31	0.31
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Chrysene		ug/Kg	U	1200	1200
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	cis-1,2-Dichloroethene		ug/Kg	U	31	250
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	cis-1,3-Dichloropropene		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Cobalt	3.45	mg/Kg		0.31	0.31
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Copper	9.27	mg/Kg		0.31	0.31
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Dibenz(a,h)anthracene		ug/Kg	U	1100	1100
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Dibenzofuran		ug/Kg	U	1000	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Dibromochloromethane		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Dibromomethane		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Dichlorodifluoromethane		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Diethyl phthalate		ug/Kg	U	1100	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Dimethylphthalate		ug/Kg	U	1100	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Di-n-butylphthalate		ug/Kg	U	910	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Di-n-octylphthalate		ug/Kg	U	890	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Ethylbenzene	4700	ug/Kg		31	310



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15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Fluoranthene		ug/Kg	U	1100	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Fluorene		ug/Kg	U	1100	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Hexachlorobenzene		ug/Kg	U	1000	1700
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Hexachlorobutadiene		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Hexachlorobutadiene		ug/Kg	U	1200	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Hexachlorocyclopentadiene		ug/Kg	U	1100	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Hexachloroethane		ug/Kg	U	1000	1700
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Indeno(1,2,3-cd)pyrene		ug/Kg	U	1100	1100
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Iron	7640	mg/Kg	J	3.1	3.1
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Isophorone		ug/Kg	U	960	1700
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Isopropylbenzene	1600	ug/Kg		31	310
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Lead	1.6	mg/Kg		0.31	0.6
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	m&p-Xylene	24000	ug/Kg		62	310
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Magnesium	1710	mg/Kg		3.1	3.1
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Manganese	73.8	mg/Kg		0.31	0.31
15B6 (5-7)	BV82267	SW7471	11/11/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Methyl Ethyl Ketone		ug/Kg	UJ	310	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	62	620
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Methylene chloride		ug/Kg	U	310	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	500	Naphthalene	11000	ug/Kg	D	650	3200
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Naphthalene	5600	ug/Kg		990	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	500	n-Butylbenzene	3400	ug/Kg	D	320	3200
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Nickel	7.91	mg/Kg		0.31	0.31
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Nitrobenzene		ug/Kg	U	1200	1700
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	N-Nitrosodimethylamine		ug/Kg	U	970	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	N-Nitrosodi-n-propylamine		ug/Kg	U	1100	1700
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	N-Nitrosodiphenylamine		ug/Kg	U	1300	2400
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	n-Propylbenzene	4900	ug/Kg		62	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	o-Xylene	9100	ug/Kg		62	310
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Pentachloronitrobenzene		ug/Kg	U	1300	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Pentachlorophenol		ug/Kg	UJ	1300	1300
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Phenanthrene		ug/Kg	U	980	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Phenol		ug/Kg	U	1100	1100
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	p-Isopropyltoluene	800	ug/Kg		31	310
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Potassium	598	mg/Kg		2.4	6
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Pyrene		ug/Kg	U	1200	2400
15B6 (5-7)	BV82267	SW8270	11/11/2016	10	Pyridine		ug/Kg	U	840	2400



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15B6 (5-7)	BV82267	SW8260	11/11/2016	50	sec-Butylbenzene	1000	ug/Kg		31	310
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Selenium		mg/Kg	U	1.1	1.2
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Silver		mg/Kg	U	0.31	0.31
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Sodium	89	mg/Kg		2.7	6
15B6 (5-7)	BV82267	E160.3	11/11/2016	1	SOLIDS, PERCENT	97	%			
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Styrene		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Tert-butyl alcohol		ug/Kg	U	1200	6200
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	tert-Butylbenzene	32	ug/Kg	J	31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Tetrachloroethene		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Tetrahydrofuran (THF)		ug/Kg	UJ	160	620
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Thallium		mg/Kg	U	1.2	1.2
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Toluene	390	ug/Kg		31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	trans-1,2-Dichloroethene		ug/Kg	U	31	190
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	trans-1,3-Dichloropropene		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	trans-1,4-dichloro-2-butene		ug/Kg	U	160	620
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Trichloroethene		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Trichlorofluoromethane		ug/Kg	U	62	310
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Trichlorotrifluoroethane		ug/Kg	U	31	310
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Vanadium	12.1	mg/Kg		0.31	0.31
15B6 (5-7)	BV82267	SW8260	11/11/2016	50	Vinyl chloride		ug/Kg	U	31	31
15B6 (5-7)	BV82267	SW6010	11/11/2016	1	Zinc	37.0	mg/Kg		0.31	0.6
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.90	18
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,1-Dichloroethane		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,1-Dichloroethene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,1-Dichloropropene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,2,4-Trimethylbenzene	75	ug/Kg	J	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,2-Dibromoethane		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.45	4.5



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15B6 (12-14)	BV82268	SW8270	11/11/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	110	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,2-Dichloroethane		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,2-Dichloropropane		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,3,5-Trimethylbenzene	19	ug/Kg	J	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	120	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,3-Dichloropropane		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	120	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	1,4-dioxane		ug/Kg	U	36	68
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	2,2-Dichloropropane		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	2,4-Dimethylphenol		ug/Kg	U	98	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	280	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	200
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	200
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	2-Chloronaphthalene		ug/Kg	U	110	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	2-Chlorophenol		ug/Kg	U	110	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	2-Chlorotoluene		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	2-Hexanone		ug/Kg	U	4.5	23
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	2-Isopropyltoluene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	2-Methylnaphthalene		ug/Kg	U	120	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	2-Nitroaniline		ug/Kg	U	280	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	2-Nitrophenol		ug/Kg	U	250	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	3-Nitroaniline		ug/Kg	U	790	400
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	4,4' -DDD		ug/Kg	U	2.4	2.4
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	4,4' -DDE		ug/Kg	U	2.4	2.4
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	4,4' -DDT		ug/Kg	U	2.4	2.4
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	79	240
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	4-Chloroaniline		ug/Kg	U	180	320
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	4-Chlorotoluene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	4-Methyl-2-pentanone		ug/Kg	U	4.5	23
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	4-Nitroaniline		ug/Kg	U	130	400
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	4-Nitrophenol		ug/Kg	U	180	400
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	a-BHC		ug/Kg	U	7.9	7.9
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Acenaphthene		ug/Kg	U	120	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Acenaphthylene		ug/Kg	U	110	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Acetone	28	ug/Kg	J	4.5	23
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Acetophenone		ug/Kg	U	120	280
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	a-Chlordane		ug/Kg	U	3.9	3.9
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Acrolein		ug/Kg	UJ	2.3	18
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Acrylonitrile		ug/Kg	U	0.45	18
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	Aldrin		ug/Kg	U	3.9	3.9
15B6 (12-14)	BV82268	SW6010	11/11/2016	10	Aluminum	6630	mg/Kg		7.4	37
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Aniline		ug/Kg	U	320	320
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Anthracene		ug/Kg	U	130	280
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Antimony		mg/Kg	U	1.9	1.9
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Arsenic	1.24	mg/Kg		0.74	0.74
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Barium	37.0	mg/Kg		0.37	0.7
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	b-BHC		ug/Kg	U	7.9	7.9
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Benz(a)anthracene		ug/Kg	U	130	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Benzene	4.6	ug/Kg		0.45	4.5
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Benzidine		ug/Kg	UJ	230	400
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Benzoic acid		ug/Kg	UJ	790	2000
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Beryllium	0.33	mg/Kg		0.15	0.30
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Bromobenzene		ug/Kg	U	0.45	4.5



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Bromochloromethane		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Bromodichloromethane		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Bromoform		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Bromomethane		ug/Kg	U	1.8	4.5
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Cadmium		mg/Kg	U	0.37	0.37
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Calcium	1030	mg/Kg		3.4	3.7
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Carbazole		ug/Kg	U	160	200
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Carbon Disulfide	2.2	ug/Kg	J	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Carbon tetrachloride		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	Chlordane		ug/Kg	U	39	39
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Chlorobenzene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Chloroethane		ug/Kg	UJ	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Chloroform		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Chloromethane		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Chromium	20.0	mg/Kg		0.37	0.37
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Chrysene		ug/Kg	U	130	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Cobalt	7.14	mg/Kg		0.37	0.37
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Copper	10.9	mg/Kg		0.37	0.37
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	d-BHC		ug/Kg	U	7.9	7.9
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Dibenzofuran		ug/Kg	U	120	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Dibromochloromethane		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Dibromomethane		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	Dieldrin		ug/Kg	U	3.9	3.9
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Diethyl phthalate		ug/Kg	U	130	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Dimethylphthalate		ug/Kg	U	120	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Di-n-butylphthalate		ug/Kg	U	110	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Di-n-octylphthalate		ug/Kg	U	100	280
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	Endosulfan I		ug/Kg	U	7.9	7.9
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	Endosulfan II		ug/Kg	U	7.9	7.9
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	Endosulfan sulfate		ug/Kg	U	7.9	7.9
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	Endrin		ug/Kg	U	7.9	7.9
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	Endrin aldehyde		ug/Kg	U	7.9	7.9
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	Endrin ketone		ug/Kg	U	7.9	7.9



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Ethylbenzene	16	ug/Kg		0.45	4.5
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Fluoranthene		ug/Kg	U	130	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Fluorene		ug/Kg	U	130	280
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	g-BHC		ug/Kg	U	1.6	1.6
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	g-Chlordane		ug/Kg	U	3.9	3.9
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	Heptachlor		ug/Kg	U	7.9	7.9
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	Heptachlor epoxide		ug/Kg	U	7.9	7.9
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Hexachlorobenzene		ug/Kg	U	120	200
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Hexachlorobutadiene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Hexachlorobutadiene		ug/Kg	U	140	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	120	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15B6 (12-14)	BV82268	SW6010	11/11/2016	10	Iron	13800	mg/Kg	J	37	37
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Isophorone		ug/Kg	U	110	200
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Isopropylbenzene	1.7	ug/Kg	J	0.45	4.5
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Lead	1.5	mg/Kg		0.37	0.7
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	m&p-Xylene	75	ug/Kg		0.90	4.5
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Magnesium	2510	mg/Kg		3.7	3.7
15B6 (12-14)	BV82268	SW6010	11/11/2016	10	Manganese	525	mg/Kg	J	3.7	3.7
15B6 (12-14)	BV82268	SW7471	11/11/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	Methoxychlor		ug/Kg	U	39	39
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Methyl Ethyl Ketone	5.5	ug/Kg	J	4.5	27
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Methyl t-butyl ether (MTBE)	4.6	ug/Kg	J	0.90	9.0
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Methylene chloride		ug/Kg	U	4.5	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Naphthalene	37	ug/Kg	J	0.90	4.5
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Naphthalene		ug/Kg	UJ	110	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	n-Butylbenzene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Nickel	11.9	mg/Kg		0.37	0.37
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	n-Propylbenzene	3.4	ug/Kg	J	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	o-Xylene	26	ug/Kg		0.90	4.5
15B6 (12-14)	BV82268	SW8082	11/11/2016	2	PCB-1016		ug/Kg	U	79	79
15B6 (12-14)	BV82268	SW8082	11/11/2016	2	PCB-1221		ug/Kg	U	79	79



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B6 (12-14)	BV82268	SW8082	11/11/2016	2	PCB-1232		ug/Kg	U	79	79
15B6 (12-14)	BV82268	SW8082	11/11/2016	2	PCB-1242		ug/Kg	U	79	79
15B6 (12-14)	BV82268	SW8082	11/11/2016	2	PCB-1248		ug/Kg	U	79	79
15B6 (12-14)	BV82268	SW8082	11/11/2016	2	PCB-1254		ug/Kg	U	79	79
15B6 (12-14)	BV82268	SW8082	11/11/2016	2	PCB-1260		ug/Kg	U	79	79
15B6 (12-14)	BV82268	SW8082	11/11/2016	2	PCB-1262		ug/Kg	U	79	79
15B6 (12-14)	BV82268	SW8082	11/11/2016	2	PCB-1268		ug/Kg	U	79	79
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Pentachlorophenol		ug/Kg	U	150	240
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Phenanthrene		ug/Kg	U	110	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Phenol		ug/Kg	U	130	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	p-Isopropyltoluene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Potassium	1240	mg/Kg	J	2.9	7
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Pyrene		ug/Kg	U	140	280
15B6 (12-14)	BV82268	SW8270	11/11/2016	1	Pyridine		ug/Kg	U	98	280
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	sec-Butylbenzene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Selenium		mg/Kg	U	1.3	1.5
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Silver		mg/Kg	U	0.37	0.37
15B6 (12-14)	BV82268	SW6010	11/11/2016	10	Sodium	146	mg/Kg	J	32	74
15B6 (12-14)	BV82268	E160.3	11/11/2016	1	SOLIDS, PERCENT	84	%			
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Styrene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Tert-butyl alcohol		ug/Kg	U	18	90
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	tert-Butylbenzene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Tetrachloroethene		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.3	9.0
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Thallium		mg/Kg	U	1.5	1.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Toluene	2.2	ug/Kg	J	0.45	4.5
15B6 (12-14)	BV82268	SW8081	11/11/2016	2	Toxaphene		ug/Kg	U	160	160
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.3	9.0
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Trichloroethene		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Trichlorofluoromethane		ug/Kg	U	0.90	4.5
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Vanadium	27.1	mg/Kg		0.37	0.37
15B6 (12-14)	BV82268	SW8260	11/11/2016	1	Vinyl chloride		ug/Kg	U	0.45	4.5
15B6 (12-14)	BV82268	SW6010	11/11/2016	1	Zinc	27.8	mg/Kg		0.37	0.7



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15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.95	19
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,1-Dichloroethane		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,1-Dichloroethene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,1-Dichloropropene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,2,4-Trimethylbenzene	2.3	ug/Kg	J	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,2-Dibromoethane		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	110	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,2-Dichloroethane		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,2-Dichloropropane		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,3,5-Trimethylbenzene	0.81	ug/Kg	J	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	120	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,3-Dichloropropane		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	120	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	1,4-dioxane		ug/Kg	U	38	71
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	2,2-Dichloropropane		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	2,4-Dimethylphenol		ug/Kg	U	99	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	280	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	200
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	200
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	2-Chloronaphthalene		ug/Kg	U	110	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	2-Chlorophenol		ug/Kg	U	110	280



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15B7 (12-14)	BV82270	SW8260	11/11/2016	1	2-Chlorotoluene		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	2-Hexanone		ug/Kg	U	4.8	24
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	2-Isopropyltoluene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	2-Methylnaphthalene		ug/Kg	U	120	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	2-Nitroaniline		ug/Kg	U	280	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	2-Nitrophenol		ug/Kg	U	250	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	3-Nitroaniline		ug/Kg	U	800	400
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	4,4' -DDD		ug/Kg	U	2.4	2.4
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	4,4' -DDE		ug/Kg	U	2.4	2.4
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	4,4' -DDT		ug/Kg	U	2.4	2.4
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	80	240
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	4-Chloroaniline		ug/Kg	U	190	320
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	4-Chlorotoluene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	4-Methyl-2-pentanone		ug/Kg	U	4.8	24
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	4-Nitroaniline		ug/Kg	U	130	400
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	4-Nitrophenol		ug/Kg	U	180	400
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	a-BHC		ug/Kg	U	7.8	7.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Acenaphthene		ug/Kg	U	120	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Acenaphthylene		ug/Kg	U	110	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Acetone	24	ug/Kg	J	4.8	24
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Acetophenone		ug/Kg	U	120	280
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	a-Chlordane		ug/Kg	U	3.9	3.9
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Acrolein		ug/Kg	UJ	2.4	19
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Acrylonitrile		ug/Kg	U	0.48	19
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	Aldrin		ug/Kg	U	3.9	3.9
15B7 (12-14)	BV82270	SW6010	11/11/2016	10	Aluminum	7000	mg/Kg		7.8	39
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Aniline		ug/Kg	U	320	320
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Anthracene		ug/Kg	U	130	280
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Antimony		mg/Kg	U	2.0	2.0
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Arsenic	1.21	mg/Kg		0.78	0.78
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Barium	29.2	mg/Kg		0.39	0.8



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15B7 (12-14)	BV82270	SW8081	11/11/2016	2	b-BHC		ug/Kg	U	7.8	7.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Benz(a)anthracene		ug/Kg	U	130	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Benzene	1.9	ug/Kg	J	0.48	4.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	BenZidine		ug/Kg	UJ	240	400
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Benzoic acid		ug/Kg	UJ	800	2000
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Beryllium	0.31	mg/Kg		0.16	0.31
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Bromobenzene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Bromochloromethane		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Bromodichloromethane		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Bromoform		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Bromomethane		ug/Kg	U	1.9	4.8
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Cadmium		mg/Kg	U	0.39	0.39
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Calcium	911	mg/Kg		3.6	3.9
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Carbazole		ug/Kg	U	160	200
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Carbon Disulfide		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Carbon tetrachloride		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	Chlordane		ug/Kg	U	39	39
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Chlorobenzene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Chloroethane		ug/Kg	UJ	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Chloroform		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Chloromethane		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Chromium	21.7	mg/Kg		0.39	0.39
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Chrysene		ug/Kg	U	130	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Cobalt	6.08	mg/Kg		0.39	0.39
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Copper	10.5	mg/Kg		0.39	0.39
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	d-BHC		ug/Kg	U	7.8	7.8



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Dibenzofuran		ug/Kg	U	120	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Dibromochloromethane		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Dibromomethane		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	Dieldrin		ug/Kg	U	3.9	3.9
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Diethyl phthalate		ug/Kg	U	130	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Dimethylphthalate		ug/Kg	U	120	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Di-n-butylphthalate		ug/Kg	U	110	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Di-n-octylphthalate		ug/Kg	U	100	280
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	Endosulfan I		ug/Kg	U	7.8	7.8
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	Endosulfan II		ug/Kg	U	7.8	7.8
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	Endosulfan sulfate		ug/Kg	U	7.8	7.8
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	Endrin		ug/Kg	U	7.8	7.8
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	Endrin aldehyde		ug/Kg	U	7.8	7.8
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	Endrin ketone		ug/Kg	U	7.8	7.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Ethylbenzene	2.8	ug/Kg	J	0.48	4.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Fluoranthene		ug/Kg	U	130	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Fluorene		ug/Kg	U	130	280
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	g-BHC		ug/Kg	U	1.6	1.6
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	g-Chlordane		ug/Kg	U	3.9	3.9
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	Heptachlor		ug/Kg	U	7.8	7.8
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	Heptachlor epoxide		ug/Kg	U	7.8	7.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Hexachlorobenzene		ug/Kg	U	120	200
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Hexachlorobutadiene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Hexachlorobutadiene		ug/Kg	U	140	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	120	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15B7 (12-14)	BV82270	SW6010	11/11/2016	10	Iron	13500	mg/Kg	J	39	39
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Isophorone		ug/Kg	U	110	200
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Isopropylbenzene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Lead	1.3	mg/Kg		0.39	0.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	m&p-Xylene	4.9	ug/Kg		0.95	4.8
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Magnesium	2300	mg/Kg		3.9	3.9
15B7 (12-14)	BV82270	SW6010	11/11/2016	10	Manganese	301	mg/Kg		3.9	3.9
15B7 (12-14)	BV82270	SW7471	11/11/2016	1	Mercury		mg/Kg	U	0.02	0.03



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	Methoxychlor		ug/Kg	U	39	39
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	4.8	29
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Methyl t-butyl ether (MTBE)	7.5	ug/Kg	J	0.95	9.5
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Methylene chloride		ug/Kg	U	4.8	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Naphthalene	1.1	ug/Kg	J	0.95	4.8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Naphthalene		ug/Kg	UJ	120	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	n-Butylbenzene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Nickel	9.64	mg/Kg		0.39	0.39
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	n-Propylbenzene		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	o-Xylene	2.7	ug/Kg	J	0.95	4.8
15B7 (12-14)	BV82270	SW8082	11/11/2016	2	PCB-1016		ug/Kg	U	78	78
15B7 (12-14)	BV82270	SW8082	11/11/2016	2	PCB-1221		ug/Kg	U	78	78
15B7 (12-14)	BV82270	SW8082	11/11/2016	2	PCB-1232		ug/Kg	U	78	78
15B7 (12-14)	BV82270	SW8082	11/11/2016	2	PCB-1242		ug/Kg	U	78	78
15B7 (12-14)	BV82270	SW8082	11/11/2016	2	PCB-1248		ug/Kg	U	78	78
15B7 (12-14)	BV82270	SW8082	11/11/2016	2	PCB-1254		ug/Kg	U	78	78
15B7 (12-14)	BV82270	SW8082	11/11/2016	2	PCB-1260		ug/Kg	U	78	78
15B7 (12-14)	BV82270	SW8082	11/11/2016	2	PCB-1262		ug/Kg	U	78	78
15B7 (12-14)	BV82270	SW8082	11/11/2016	2	PCB-1268		ug/Kg	U	78	78
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Pentachlorophenol		ug/Kg	U	150	240
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Phenanthrene		ug/Kg	U	110	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Phenol		ug/Kg	U	130	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	p-Isopropyltoluene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Potassium	799	mg/Kg		3.1	8
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Pyrene		ug/Kg	U	140	280
15B7 (12-14)	BV82270	SW8270	11/11/2016	1	Pyridine		ug/Kg	U	98	280
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	sec-Butylbenzene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Selenium		mg/Kg	U	1.3	1.6
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Silver		mg/Kg	U	0.39	0.39
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Sodium	182	mg/Kg		3.4	8
15B7 (12-14)	BV82270	E160.3	11/11/2016	1	SOLIDS, PERCENT	83	%			
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Styrene		ug/Kg	U	0.48	4.8



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15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Tert-butyl alcohol	200	ug/Kg		19	95
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	tert-Butylbenzene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Tetrachloroethene		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.4	9.5
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Thallium		mg/Kg	U	1.6	1.6
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Toluene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8081	11/11/2016	2	Toxaphene		ug/Kg	U	160	160
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.4	9.5
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Trichloroethene		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Trichlorofluoromethane		ug/Kg	U	0.95	4.8
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Vanadium	25.1	mg/Kg		0.39	0.39
15B7 (12-14)	BV82270	SW8260	11/11/2016	1	Vinyl chloride		ug/Kg	U	0.48	4.8
15B7 (12-14)	BV82270	SW6010	11/11/2016	1	Zinc	24.7	mg/Kg		0.39	0.8
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	93	1900
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,1,1-Trichloroethane		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,1,2-Trichloroethane		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,1-Dichloroethane		ug/Kg	U	93	270
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,1-Dichloroethene		ug/Kg	U	46	330
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,1-Dichloropropene		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,2,3-Trichlorobenzene		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,2,3-Trichloropropane		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,2,4-Trichlorobenzene		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,2,4-Trimethylbenzene	1200	ug/Kg		46	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,2-Dibromoethane		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,2-Dichlorobenzene		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	110	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,2-Dichloroethane		ug/Kg	U	46	46
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,2-Dichloropropane		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,3,5-Trimethylbenzene		ug/Kg	U	46	460



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15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,3-Dichlorobenzene		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	120	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,3-Dichloropropane		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,4-Dichlorobenzene		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	120	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	1,4-dioxane		ug/Kg	U	3700	3700
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	2,2-Dichloropropane		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	2,4-Dimethylphenol		ug/Kg	U	98	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	280	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	200
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	200
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	2-Chloronaphthalene		ug/Kg	U	110	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	2-Chlorophenol		ug/Kg	U	110	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	2-Chlorotoluene		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	2-Hexanone		ug/Kg	UJ	460	2300
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	2-Isopropyltoluene		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	2-Methylnaphthalene		ug/Kg	U	120	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	2-Nitroaniline		ug/Kg	U	280	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	2-Nitrophenol		ug/Kg	U	250	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	3-Nitroaniline		ug/Kg	U	790	390
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	79	240
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	4-Chloroaniline		ug/Kg	U	180	310
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	4-Chlorotoluene		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	4-Methyl-2-pentanone		ug/Kg	UJ	460	2300
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	4-Nitroaniline		ug/Kg	U	130	390
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	4-Nitrophenol		ug/Kg	U	180	390
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Acenaphthene		ug/Kg	U	120	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Acenaphthylene		ug/Kg	U	110	280



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15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Acetone		ug/Kg	UJ	460	460
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Acetophenone		ug/Kg	U	120	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Acrolein		ug/Kg	UJ	230	1900
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Acrylonitrile		ug/Kg	U	46	1900
15B7 (18-20)	BV82271	SW6010	11/11/2016	10	Aluminum	4270	mg/Kg		7.3	36
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Anilinum		ug/Kg	U	310	310
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Anthracene		ug/Kg	U	130	280
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Antimony		mg/Kg	U	1.8	1.8
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Arsenic	0.90	mg/Kg		0.73	0.73
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Barium	22.5	mg/Kg		0.36	0.7
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Benz(a)anthracene		ug/Kg	U	130	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Benzene	53	ug/Kg	J	46	60
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Benzidine		ug/Kg	UJ	230	390
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Benzo(b)fluoranthene		ug/Kg	U	130	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Benzoic acid		ug/Kg	UJ	790	2000
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Beryllium	0.21	mg/Kg	J	0.15	0.29
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Bromobenzene		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Bromochloromethane		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Bromodichloromethane		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Bromoform		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Bromomethane		ug/Kg	U	190	460
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Cadmium		mg/Kg	U	0.36	0.36
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Calcium	969	mg/Kg		3.3	3.6
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Carbazole		ug/Kg	U	160	200
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Carbon Disulfide		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Carbon tetrachloride		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Chlorobenzene		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Chloroethane		ug/Kg	UJ	46	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Chloroform		ug/Kg	U	46	370



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15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Chloromethane		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Chromium	11.8	mg/Kg		0.36	0.36
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Chrysene		ug/Kg	U	130	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	cis-1,2-Dichloroethene		ug/Kg	U	46	250
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	cis-1,3-Dichloropropene		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Cobalt	5.53	mg/Kg		0.36	0.36
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Copper	8.59	mg/Kg		0.36	0.36
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Dibenzofuran		ug/Kg	U	110	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Dibromochloromethane		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Dibromomethane		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Dichlorodifluoromethane		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Diethyl phthalate		ug/Kg	U	120	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Dimethylphthalate		ug/Kg	U	120	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Di-n-butylphthalate		ug/Kg	U	100	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Di-n-octylphthalate		ug/Kg	U	100	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Ethylbenzene	520	ug/Kg		46	460
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Fluoranthene		ug/Kg	U	130	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Fluorene		ug/Kg	U	130	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Hexachlorobenzene		ug/Kg	U	110	200
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Hexachlorobutadiene		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Hexachlorobutadiene		ug/Kg	U	140	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	120	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15B7 (18-20)	BV82271	SW6010	11/11/2016	10	Iron	11100	mg/Kg	J	36	36
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Isophorone		ug/Kg	U	110	200
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Isopropylbenzene	160	ug/Kg	J	46	460
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Lead	3.5	mg/Kg		0.36	0.7
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	m&p-Xylene	530	ug/Kg		93	460
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Magnesium	2060	mg/Kg		3.6	3.6
15B7 (18-20)	BV82271	SW6010	11/11/2016	10	Manganese	149	mg/Kg		3.6	3.6
15B7 (18-20)	BV82271	SW7471	11/11/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Methyl Ethyl Ketone		ug/Kg	UJ	460	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	93	930
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Methylene chloride		ug/Kg	U	460	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Naphthalene		ug/Kg	U	93	460



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Naphthalene		ug/Kg	UJ	110	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	n-Butylbenzene	6300	ug/Kg		46	460
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Nickel	9.72	mg/Kg		0.36	0.36
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	n-Propylbenzene	910	ug/Kg		93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	o-Xylene	380	ug/Kg	J	93	460
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Pentachlorophenol		ug/Kg	U	150	240
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Phenanthrene		ug/Kg	U	110	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Phenol		ug/Kg	U	130	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	p-Isopropyltoluene	2100	ug/Kg		46	460
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Potassium	870	mg/Kg		2.8	7
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Pyrene		ug/Kg	U	140	280
15B7 (18-20)	BV82271	SW8270	11/11/2016	1	Pyridine		ug/Kg	U	97	280
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	sec-Butylbenzene	4200	ug/Kg		46	460
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Selenium		mg/Kg	U	1.2	1.5
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Silver		mg/Kg	U	0.36	0.36
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Sodium	162	mg/Kg		3.1	7
15B7 (18-20)	BV82271	E160.3	11/11/2016	1	SOLIDS, PERCENT	84	%			
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Styrene		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Tert-butyl alcohol		ug/Kg	U	1900	9300
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	tert-Butylbenzene		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Tetrachloroethene		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Tetrahydrofuran (THF)		ug/Kg	UJ	230	930
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Thallium		mg/Kg	U	1.5	1.5
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Toluene	610	ug/Kg		46	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	trans-1,2-Dichloroethene		ug/Kg	U	46	190
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	trans-1,3-Dichloropropene		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	trans-1,4-dichloro-2-butene		ug/Kg	U	230	930
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Trichloroethene		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Trichlorofluoromethane		ug/Kg	U	93	460
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Trichlorotrifluoroethane		ug/Kg	U	46	460
15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Vanadium	17.6	mg/Kg		0.36	0.36
15B7 (18-20)	BV82271	SW8260	11/11/2016	50	Vinyl chloride		ug/Kg	U	46	46



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15B7 (18-20)	BV82271	SW6010	11/11/2016	1	Zinc	21.3	mg/Kg		0.36	0.7
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.88	18
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,1-Dichloroethane		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,1-Dichloroethene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,1-Dichloropropene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	50	1,2,4-Trimethylbenzene	280	ug/Kg		44	250
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,2-Dibromoethane		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	110	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,2-Dichloroethane		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,2-Dichloropropane		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,3,5-Trimethylbenzene	80	ug/Kg		0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	120	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,3-Dichloropropane		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	120	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	1,4-dioxane		ug/Kg	U	35	66
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	2,2-Dichloropropane		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	2,4-Dimethylphenol		ug/Kg	U	99	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	280	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	200
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	200
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	2-Chloronaphthalene		ug/Kg	U	110	280



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	2-Chlorophenol		ug/Kg	U	110	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	2-Chlorotoluene		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	2-Hexanone		ug/Kg	U	4.4	22
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	2-Isopropyltoluene	0.56	ug/Kg	J	0.44	4.4
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	2-Methylnaphthalene		ug/Kg	U	120	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	2-Nitroaniline		ug/Kg	U	280	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	2-Nitrophenol		ug/Kg	U	250	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	3-Nitroaniline		ug/Kg	U	800	400
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	80	240
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	4-Chloroaniline		ug/Kg	U	190	320
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	4-Chlorotoluene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	4-Methyl-2-pentanone	21	ug/Kg	J	4.4	22
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	4-Nitroaniline		ug/Kg	U	130	400
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	4-Nitrophenol		ug/Kg	U	180	400
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Acenaphthene		ug/Kg	U	120	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Acenaphthylene		ug/Kg	U	110	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	50	Acetone	500	ug/Kg	J	440	440
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Acetophenone		ug/Kg	U	120	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Acrolein		ug/Kg	UJ	2.2	18
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Acrylonitrile		ug/Kg	U	0.44	18
15B7 (23-25)	BV82272	SW6010	11/11/2016	10	Aluminum	4250	mg/Kg		8.3	41
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Aniline		ug/Kg	U	320	320
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Anthracene		ug/Kg	U	130	280
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Antimony		mg/Kg	U	2.1	2.1
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Arsenic	0.97	mg/Kg		0.83	0.83
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Barium	21.3	mg/Kg		0.41	0.8
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Benz(a)anthracene		ug/Kg	U	130	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Benzene	7.4	ug/Kg		0.44	4.4
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Benzidine		ug/Kg	UJ	230	400
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	280



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15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Benzoic acid	3300	ug/Kg	J	800	2000
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Benzoyl butyl phthalate		ug/Kg	U	100	280
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Beryllium	0.20	mg/Kg	J	0.17	0.33
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Bromobenzene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Bromochloromethane		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Bromodichloromethane		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Bromoform		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Bromomethane		ug/Kg	U	1.8	4.4
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Cadmium		mg/Kg	U	0.41	0.41
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Calcium	1390	mg/Kg		3.8	4.1
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Carbazole		ug/Kg	U	160	200
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Carbon Disulfide	4.3	ug/Kg	J	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Carbon tetrachloride		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Chlorobenzene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Chloroethane		ug/Kg	UJ	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Chloroform		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Chloromethane		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Chromium	9.84	mg/Kg		0.41	0.41
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Chrysene		ug/Kg	U	130	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	cis-1,2-Dichloroethene	1.5	ug/Kg	J	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Cobalt	4.33	mg/Kg		0.41	0.41
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Copper	6.65	mg/Kg	U	0.41	0.41
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Dibenzofuran		ug/Kg	U	120	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Dibromochloromethane		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Dibromomethane		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Diethyl phthalate		ug/Kg	U	130	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Dimethylphthalate		ug/Kg	U	120	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Di-n-butylphthalate		ug/Kg	U	110	280



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Di-n-octylphthalate		ug/Kg	U	100	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Ethylbenzene	34	ug/Kg		0.44	4.4
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Fluoranthene		ug/Kg	U	130	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Fluorene		ug/Kg	U	130	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Hexachlorobenzene		ug/Kg	U	120	200
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Hexachlorobutadiene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Hexachlorobutadiene		ug/Kg	U	140	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	120	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15B7 (23-25)	BV82272	SW6010	11/11/2016	10	Iron	14400	mg/Kg	J	41	41
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Isophorone		ug/Kg	U	110	200
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Isopropylbenzene	5.9	ug/Kg		0.44	4.4
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Lead	1.2	mg/Kg		0.41	0.8
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	m&p-Xylene	99	ug/Kg		0.88	4.4
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Magnesium	1850	mg/Kg		4.1	4.1
15B7 (23-25)	BV82272	SW6010	11/11/2016	10	Manganese	678	mg/Kg		4.1	4.1
15B7 (23-25)	BV82272	SW7471	11/11/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Methyl Ethyl Ketone	160	ug/Kg	J	4.4	26
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Methyl t-butyl ether (MTBE)	4.7	ug/Kg	J	0.88	8.8
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Methylene chloride		ug/Kg	U	4.4	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Naphthalene	57	ug/Kg		0.88	4.4
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Naphthalene		ug/Kg	UJ	110	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	n-Butylbenzene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Nickel	8.72	mg/Kg		0.41	0.41
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	n-Propylbenzene	14	ug/Kg		0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	o-Xylene	24	ug/Kg		0.88	4.4
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Pentachlorophenol		ug/Kg	U	150	240
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Phenanthrene		ug/Kg	U	110	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Phenol		ug/Kg	U	130	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	p-Isopropyltoluene	1.0	ug/Kg	J	0.44	4.4
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Potassium	842	mg/Kg		3.2	8



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15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Pyrene		ug/Kg	U	140	280
15B7 (23-25)	BV82272	SW8270	11/11/2016	1	Pyridine		ug/Kg	U	98	280
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	sec-Butylbenzene	3.3	ug/Kg	J	0.44	4.4
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Selenium		mg/Kg	U	1.4	1.7
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Silver		mg/Kg	U	0.41	0.41
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Sodium	160	mg/Kg		3.5	8
15B7 (23-25)	BV82272	E160.3	11/11/2016	1	SOLIDS, PERCENT	83	%			
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Styrene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Tert-butyl alcohol	20	ug/Kg	J	18	88
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	tert-Butylbenzene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Tetrachloroethene		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.2	8.8
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Thallium		mg/Kg	U	1.7	1.7
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Toluene	14	ug/Kg		0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.2	8.8
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Trichloroethene	0.79	ug/Kg	J	0.44	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Trichlorofluoromethane		ug/Kg	U	0.88	4.4
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Vanadium	13.7	mg/Kg		0.41	0.41
15B7 (23-25)	BV82272	SW8260	11/11/2016	1	Vinyl chloride		ug/Kg	U	0.44	4.4
15B7 (23-25)	BV82272	SW6010	11/11/2016	1	Zinc	19.3	mg/Kg		0.41	0.8
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	21
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,1-Dichloroethene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,1-Dichloropropene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,2,4-Trimethylbenzene	1.0	ug/Kg	J	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.2



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SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,2-Dibromoethane		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	110	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,2-Dichloroethane		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	110	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	110	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	1,4-dioxane		ug/Kg	U	42	79
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	2,2-Dichloropropane		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	210	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	190
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	2,4-Dimethylphenol		ug/Kg	U	96	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	270	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	2-Chloronaphthalene		ug/Kg	U	110	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	2-Chlorophenol		ug/Kg	U	110	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	2-Chlorotoluene		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	2-Hexanone		ug/Kg	U	5.2	26
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	2-Isopropyltoluene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	2-Methylnaphthalene		ug/Kg	U	120	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	2-Nitroaniline		ug/Kg	U	270	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	2-Nitrophenol		ug/Kg	U	240	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	3-Nitroaniline		ug/Kg	U	770	390
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	4,4' -DDD		ug/Kg	U	2.3	2.3
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	4,4' -DDE		ug/Kg	U	2.3	2.3
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	4,4' -DDT		ug/Kg	U	2.3	2.3
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	77	230



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	4-Chloroaniline		ug/Kg	U	180	310
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	4-Chlorotoluene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	4-Methyl-2-pentanone		ug/Kg	U	5.2	26
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	4-Nitroaniline		ug/Kg	U	130	390
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	4-Nitrophenol		ug/Kg	U	170	390
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	a-BHC		ug/Kg	U	7.8	7.8
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Acenaphthene		ug/Kg	U	120	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Acenaphthylene		ug/Kg	U	110	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Acetone	26	ug/Kg	J	5.2	26
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Acetophenone		ug/Kg	U	120	270
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	a-Chlordane		ug/Kg	U	3.9	3.9
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Acrolein		ug/Kg	UJ	2.6	21
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Acrylonitrile		ug/Kg	U	0.52	21
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	Aldrin		ug/Kg	U	3.9	3.9
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	10	Aluminum	5940	mg/Kg		7.1	35
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Aniline		ug/Kg	U	310	310
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Anthracene		ug/Kg	U	130	270
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Antimony		mg/Kg	U	1.8	1.8
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Arsenic	1.17	mg/Kg		0.71	0.71
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Barium	24.3	mg/Kg		0.35	0.7
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	b-BHC		ug/Kg	U	7.8	7.8
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Benz(a)anthracene		ug/Kg	U	130	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Benzene	0.86	ug/Kg	J	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Benzidine		ug/Kg	UJ	230	390
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Benzo(a)pyrene		ug/Kg	U	130	190
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Benzo(b)fluoranthene		ug/Kg	U	130	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Benzoic acid		ug/Kg	UJ	770	1900
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	270
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Beryllium	0.25	mg/Kg	J	0.14	0.28
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Bis(2-chloroisopropyl)ether		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
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Bromobenzene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Bromochloromethane		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Bromodichloromethane		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Bromoform		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Bromomethane		ug/Kg	U	2.1	5.2
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Cadmium		mg/Kg	U	0.35	0.35
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Calcium	814	mg/Kg		3.3	3.5
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Carbazole		ug/Kg	U	150	190
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Carbon Disulfide	1.2	ug/Kg	J	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Carbon tetrachloride		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	Chlordane		ug/Kg	U	39	39
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Chlorobenzene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Chloroethane		ug/Kg	UJ	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Chloroform		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Chloromethane		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Chromium	18.0	mg/Kg		0.35	0.35
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Chrysene		ug/Kg	U	130	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Cobalt	5.43	mg/Kg		0.35	0.35
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Copper	8.44	mg/Kg		0.35	0.35
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	d-BHC		ug/Kg	U	7.8	7.8
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	190
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Dibenzofuran		ug/Kg	U	110	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Dibromochloromethane		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Dibromomethane		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	Dieldrin		ug/Kg	U	3.9	3.9
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Diethyl phthalate		ug/Kg	U	120	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Dimethylphthalate		ug/Kg	U	120	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Di-n-butylphthalate		ug/Kg	U	100	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Di-n-octylphthalate		ug/Kg	U	100	270
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	Endosulfan I		ug/Kg	U	7.8	7.8
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	Endosulfan II		ug/Kg	U	7.8	7.8
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	Endosulfan sulfate		ug/Kg	U	7.8	7.8
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	Endrin		ug/Kg	U	7.8	7.8



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	Endrin aldehyde		ug/Kg	U	7.8	7.8
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	Endrin ketone		ug/Kg	U	7.8	7.8
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Ethylbenzene	1.3	ug/Kg	J	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Fluoranthene		ug/Kg	U	130	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Fluorene		ug/Kg	U	130	270
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	g-BHC		ug/Kg	U	1.6	1.6
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	g-Chlordane		ug/Kg	U	3.9	3.9
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	Heptachlor		ug/Kg	U	7.8	7.8
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	Heptachlor epoxide		ug/Kg	U	7.8	7.8
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Hexachlorobenzene		ug/Kg	U	110	190
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Hexachlorobutadiene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Hexachlorobutadiene		ug/Kg	U	140	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Hexachlorocyclopentadiene		ug/Kg	U	120	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Hexachloroethane		ug/Kg	U	120	190
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	270
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	10	Iron	11400	mg/Kg	J	35	35
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Isophorone		ug/Kg	U	110	190
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Isopropylbenzene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Lead	1.3	mg/Kg		0.35	0.7
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	m&p-Xylene	2.1	ug/Kg	J	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Magnesium	2000	mg/Kg		3.5	3.5
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	10	Manganese	247	mg/Kg		3.5	3.5
SOIL DUPLICATE 2	BV82274	SW7471	11/11/2016	1	Mercury		mg/Kg	U	0.02	0.03
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	Methoxychlor		ug/Kg	U	39	39
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	5.2	31
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Methyl t-butyl ether (MTBE)	5.1	ug/Kg	J	1.0	10
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Methylene chloride		ug/Kg	U	5.2	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Naphthalene		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Naphthalene		ug/Kg	UJ	110	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	n-Butylbenzene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Nickel	8.54	mg/Kg		0.35	0.35
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Nitrobenzene		ug/Kg	U	140	190
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	190
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	n-Propylbenzene		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	o-Xylene		ug/Kg	U	1.0	5.2



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE 2	BV82274	SW8082	11/11/2016	2	PCB-1016		ug/Kg	U	78	78
SOIL DUPLICATE 2	BV82274	SW8082	11/11/2016	2	PCB-1221		ug/Kg	U	78	78
SOIL DUPLICATE 2	BV82274	SW8082	11/11/2016	2	PCB-1232		ug/Kg	U	78	78
SOIL DUPLICATE 2	BV82274	SW8082	11/11/2016	2	PCB-1242		ug/Kg	U	78	78
SOIL DUPLICATE 2	BV82274	SW8082	11/11/2016	2	PCB-1248		ug/Kg	U	78	78
SOIL DUPLICATE 2	BV82274	SW8082	11/11/2016	2	PCB-1254		ug/Kg	U	78	78
SOIL DUPLICATE 2	BV82274	SW8082	11/11/2016	2	PCB-1260		ug/Kg	U	78	78
SOIL DUPLICATE 2	BV82274	SW8082	11/11/2016	2	PCB-1262		ug/Kg	U	78	78
SOIL DUPLICATE 2	BV82274	SW8082	11/11/2016	2	PCB-1268		ug/Kg	U	78	78
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Pentachloronitrobenzene		ug/Kg	U	140	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Pentachlorophenol		ug/Kg	U	150	230
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Phenanthrene		ug/Kg	U	110	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Phenol		ug/Kg	U	120	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	p-Isopropyltoluene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Potassium	649	mg/Kg		2.8	7
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Pyrene		ug/Kg	U	130	270
SOIL DUPLICATE 2	BV82274	SW8270	11/11/2016	1	Pyridine		ug/Kg	U	95	270
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	sec-Butylbenzene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Selenium		mg/Kg	U	1.2	1.4
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Silver		mg/Kg	U	0.35	0.35
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Sodium	161	mg/Kg		3.0	7
SOIL DUPLICATE 2	BV82274	E160.3	11/11/2016	1	SOLIDS, PERCENT	84	%			
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Styrene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Tert-butyl alcohol	300	ug/Kg		21	100
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	tert-Butylbenzene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Tetrachloroethene		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.6	10
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Thallium		mg/Kg	U	1.4	1.4
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Toluene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8081	11/11/2016	2	Toxaphene		ug/Kg	U	160	160
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.6	10
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Trichloroethene		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.2
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Vanadium	18.6	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
SOIL DUPLICATE 2	BV82274	SW8260	11/11/2016	1	Vinyl chloride		ug/Kg	U	0.52	5.2
SOIL DUPLICATE 2	BV82274	SW6010	11/11/2016	1	Zinc	20.6	mg/Kg		0.35	0.7
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	50	1000
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,1,1-Trichloroethane		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,1,2-Trichloroethane		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,1-Dichloroethane		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,1-Dichloroethene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,1-Dichloropropene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,2,3-Trichlorobenzene		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,2,3-Trichloropropane		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,2,4-Trichlorobenzene		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,2,4-Trimethylbenzene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,2-Dibromoethane		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,2-Dichlorobenzene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,2-Dichloroethane		ug/Kg	U	25	25
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,2-Dichloropropane		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,3,5-Trimethylbenzene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,3-Dichlorobenzene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,3-Dichloropropane		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,4-Dichlorobenzene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	1,4-dioxane		ug/Kg	U	2000	2000
BV82275-TB	BV82275	SW8260	11/11/2016	50	2,2-Dichloropropane		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	2-Chlorotoluene		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	2-Hexanone		ug/Kg	UJ	250	1300
BV82275-TB	BV82275	SW8260	11/11/2016	50	2-Isopropyltoluene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	4-Chlorotoluene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	4-Methyl-2-pentanone		ug/Kg	UJ	250	1300
BV82275-TB	BV82275	SW8260	11/11/2016	50	Acetone		ug/Kg	UJ	250	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Acrolein		ug/Kg	UJ	130	1000
BV82275-TB	BV82275	SW8260	11/11/2016	50	Acrylonitrile		ug/Kg	U	25	1000
BV82275-TB	BV82275	SW8260	11/11/2016	50	Benzene		ug/Kg	U	25	60
BV82275-TB	BV82275	SW8260	11/11/2016	50	Bromobenzene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Bromochloromethane		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Bromodichloromethane		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Bromoform		ug/Kg	U	50	250



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
BV82275-TB	BV82275	SW8260	11/11/2016	50	Bromomethane		ug/Kg	U	100	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Carbon Disulfide		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Carbon tetrachloride		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Chlorobenzene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Chloroethane		ug/Kg	UJ	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Chloroform		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Chloromethane		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	cis-1,2-Dichloroethene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	cis-1,3-Dichloropropene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Dibromochloromethane		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Dibromomethane		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Dichlorodifluoromethane		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Ethylbenzene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Hexachlorobutadiene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Isopropylbenzene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	m&p-Xylene		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Methyl Ethyl Ketone		ug/Kg	UJ	250	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	50	500
BV82275-TB	BV82275	SW8260	11/11/2016	50	Methylene chloride		ug/Kg	U	250	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Naphthalene		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	n-Butylbenzene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	n-Propylbenzene		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	o-Xylene		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	p-Isopropyltoluene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	sec-Butylbenzene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Styrene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Tert-butyl alcohol		ug/Kg	U	1000	5000
BV82275-TB	BV82275	SW8260	11/11/2016	50	tert-Butylbenzene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Tetrachloroethene		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Tetrahydrofuran (THF)		ug/Kg	UJ	130	500
BV82275-TB	BV82275	SW8260	11/11/2016	50	Toluene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	trans-1,2-Dichloroethene		ug/Kg	U	25	190
BV82275-TB	BV82275	SW8260	11/11/2016	50	trans-1,3-Dichloropropene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	trans-1,4-dichloro-2-butene		ug/Kg	U	130	500
BV82275-TB	BV82275	SW8260	11/11/2016	50	Trichloroethene		ug/Kg	U	25	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Trichlorofluoromethane		ug/Kg	U	50	250
BV82275-TB	BV82275	SW8260	11/11/2016	50	Trichlorotrifluoroethane		ug/Kg	U	25	250



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV82267

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
BV82275-TB	BV82275	SW8260	11/11/2016	50	Vinyl chloride		ug/Kg	U	25	25
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,1-Dichloroethene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,1-Dichloropropene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,2-Dibromoethane		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,2-Dichloroethane		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	1,4-dioxane		ug/Kg	U	40	75
BV82276-TB	BV82276	SW8260	11/11/2016	1	2,2-Dichloropropane		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	2-Chlorotoluene		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	2-Hexanone		ug/Kg	UJ	5.0	25
BV82276-TB	BV82276	SW8260	11/11/2016	1	2-Isopropyltoluene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	4-Chlorotoluene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	4-Methyl-2-pentanone		ug/Kg	UJ	5.0	25
BV82276-TB	BV82276	SW8260	11/11/2016	1	Acetone		ug/Kg	UJ	5.0	25
BV82276-TB	BV82276	SW8260	11/11/2016	1	Acrolein		ug/Kg	UJ	2.5	20
BV82276-TB	BV82276	SW8260	11/11/2016	1	Acrylonitrile		ug/Kg	U	0.50	20
BV82276-TB	BV82276	SW8260	11/11/2016	1	Benzene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Bromobenzene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Bromochloromethane		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Bromodichloromethane		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Bromoform		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Bromomethane		ug/Kg	U	2.0	5.0



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV82267

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
BV82276-TB	BV82276	SW8260	11/11/2016	1	Carbon Disulfide		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Carbon tetrachloride		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Chlorobenzene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Chloroethane		ug/Kg	UJ	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Chloroform		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Chloromethane		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Dibromochloromethane		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Dibromomethane		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Ethylbenzene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Hexachlorobutadiene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Isopropylbenzene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	m&p-Xylene		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	5.0	30
BV82276-TB	BV82276	SW8260	11/11/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
BV82276-TB	BV82276	SW8260	11/11/2016	1	Methylene chloride		ug/Kg	U	5.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Naphthalene		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	n-Butylbenzene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	n-Propylbenzene		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	o-Xylene		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	p-Isopropyltoluene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	sec-Butylbenzene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Styrene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Tert-butyl alcohol		ug/Kg	U	20	100
BV82276-TB	BV82276	SW8260	11/11/2016	1	tert-Butylbenzene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Tetrachloroethene		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Tetrahydrofuran (THF)		ug/Kg	UJ	2.5	10
BV82276-TB	BV82276	SW8260	11/11/2016	1	Toluene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	10
BV82276-TB	BV82276	SW8260	11/11/2016	1	Trichloroethene		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.50	5.0
BV82276-TB	BV82276	SW8260	11/11/2016	1	Vinyl chloride		ug/Kg	U	0.50	5.0

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV83365
Client: Environmental Business Consultants
Date: 02/21/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for seventeen (17) soil samples analyzed for Semi-volatiles by SW-846 Method 8270D in accordance with the NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/14/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/15/2016 for analysis.
3. The USEPA Region-II SOP HW-35, Revision 2, March 2013, Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SW-846 Method 8270D was used in evaluating the Semi-volatiles data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (see discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B19 (0-2)	BV83365	11/14/16	SVO	Soil	
15B19 (12-14)	BV83366	11/14/16	SVO	Soil	
15B19 (18-20)	BV83367	11/14/16	SVO	Soil	
15B19 (20-25)	BV83368	11/14/16	SVO	Soil	
15B4 (12-14)	BV83369	11/14/16	SVO	Soil	
15B4 (15-17)	BV83370	11/14/16	SVO	Soil	
15B4 (18-20)	BV83371	11/14/16	SVO	Soil	
15B3 (12-14)	BV83372	11/14/16	SVO	Soil	
15B1 (12-14)	BV83373	11/14/16	SVO	Soil	
15B1 (18-20)	BV83374	11/14/16	SVO	Soil	
15B2 (12-14)	BV83375	11/14/16	SVO	Soil	
15B2 (22.5-25)	BV83376	11/14/16	SVO	Soil	
15B10 (10-15)	BV83377	11/14/16	SVO	Soil	
15B9 (3-5)	BV83378	11/14/16	SVO	Soil	
15B9 (10-15)	BV83379	11/14/16	SVO	Soil	
SOIL DUPLICATE 3	BV83380	11/14/16	SVO	Soil	Field Duplicate to Sample 15B19 (0-2)
SOIL DUPLICATE 4	BV83381	11/14/16	SVO	Soil	Field Duplicate to Sample 15B2 (12-14)

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/MS Tuning:

1. All of the DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/10/2016 (CHEM06) exhibited acceptable %RSDs ($\leq 30.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (> 0.050) with the following exception(s):

Compound	%RSD
Benzidine	22.3

Client Sample ID	Laboratory Sample ID	Compound	Action
15B19 (0-2)	BV83365	Benzidine	None
15B19 (12-14)	BV83366	Benzidine	None
15B19 (20-25)	BV83368	Benzidine	None
15B4 (12-14)	BV83369	Benzidine	None
15B4 (15-17)	BV83370	Benzidine	None
15B4 (18-20)	BV83371	Benzidine	None
15B3 (12-14)	BV83372	Benzidine	None
15B1 (12-14)	BV83373	Benzidine	None
15B1 (18-20)	BV83374	Benzidine	None
15B2 (12-14)	BV83375	Benzidine	None
15B2 (22.5-25)	BV83376	Benzidine	None
15B10 (10-15)	BV83377	Benzidine	None
15B9 (3-5)	BV83378	Benzidine	None
15B9 (10-15)	BV83379	Benzidine	None
SOIL DUPLICATE 3	BV83380	Benzidine	None
SOIL DUPLICATE 4	BV83381	Benzidine	None

2. Initial calibration curve analyzed on 11/15/2016 (CHEM27) exhibited acceptable %RSDs ($\leq 30.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (> 0.050) with the following exception(s):

Compound	%RSD
2,4-Dinitrophenol	21.0

Client Sample ID	Laboratory Sample ID	Compound	Action
15B19 (18-20)	BV83367	2,4-Dinitrophenol	None

Continuing Calibration Verification (CCV):

1. CCV analyzed on 11/15/2016 @ 20:54 (CHEM06) exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$ with the following exception(s):

Compound	%D
Pentachlorophenol	26.0

Client Sample ID	Laboratory Sample ID	Compound	Action
15B19 (0-2)	BV83365	Pentachlorophenol	UJ
15B19 (12-14)	BV83366	Pentachlorophenol	UJ
15B19 (20-25)	BV83368	Pentachlorophenol	UJ
15B4 (12-14)	BV83369	Pentachlorophenol	UJ
15B4 (15-17)	BV83370	Pentachlorophenol	UJ
15B4 (18-20)	BV83371	Pentachlorophenol	UJ
15B3 (12-14)	BV83372	Pentachlorophenol	UJ
15B1 (12-14)	BV83373	Pentachlorophenol	UJ
15B1 (18-20)	BV83374	Pentachlorophenol	UJ
15B2 (12-14)	BV83375	Pentachlorophenol	UJ
15B2 (22.5-25)	BV83376	Pentachlorophenol	UJ
15B10 (10-15)	BV83377	Pentachlorophenol	UJ
15B9 (3-5)	BV83378	Pentachlorophenol	UJ
15B9 (10-15)	BV83379	Pentachlorophenol	UJ
SOIL DUPLICATE 3	BV83380	Pentachlorophenol	UJ
SOIL DUPLICATE 4	BV83381	Pentachlorophenol	UJ

2. CCV analyzed on 11/16/2016 @ 06:55 (CHEM06) exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$ with the following exception(s):

Compound	%D
Hexachlorocyclopentadiene	81.9
2,4-Dinitrophenol	90.2
4,6-Dinitro-2-methylphenol	78.2

Client Sample ID	Laboratory Sample ID	Compound	Action
15B19 (0-2)	BV83365	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B19 (12-14)	BV83366	Hexachlorocyclopentadiene,	UJ

Client Sample ID	Laboratory Sample ID	Compound	Action
		2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	
15B19 (20-25)	BV83368	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B4 (12-14)	BV83369	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B4 (15-17)	BV83370	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B4 (18-20)	BV83371	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B3 (12-14)	BV83372	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B1 (12-14)	BV83373	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B1 (18-20)	BV83374	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B2 (12-14)	BV83375	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B2 (22.5-25)	BV83376	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B10 (10-15)	BV83377	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B9 (3-5)	BV83378	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15B9 (10-15)	BV83379	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
SOIL DUPLICATE 3	BV83380	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
SOIL DUPLICATE 4	BV83381	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ

3. CCV analyzed on 11/16/2016 @ 08:21 (CHEM27) exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$. No qualifications were required.
4. CCV analyzed on 11/14/2016 @ 13:41 (CHEM27) exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$. No qualifications were required.

Surrogates:

1. Surrogate %REC values were within the QC acceptance limits with the exception of Terphenyl-14D (136%) in Sample 15B9(3-5).

Client Sample ID	Laboratory Sample ID	Surrogate(s)	Compound	Action
15B9 (3-5)	BV83378	Terphenyl-d14 (136%)	Bis(2-ethylhexyl)phthalate, Benz(a)anthracene	J
			Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene	J
			Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene	J
			Benzo(ghi)perylene	J
			Di-n-octylphthalate, Dibenz(a,h)anthracene	UJ
			Benzyl butyl phthalate, 3,3-Dichlorobenzidine	UJ

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all six internal standards with the following exception(s):

Client Sample ID	Laboratory Sample ID	IS	Compound	Action
15B19 (18-20)	BV83367	1,4-Dichlorobenzene-d4 Naphthalene-d8 (low) 1,4- (low)	N-Nitrosodimethylamine, Pyridine, Phenol	UJ
			Bis(2-chloroethyl)ether, Aniline, 2-Chlorophenol	UJ
			1,3-Dichlorobenzene, 1,4-Dichlorobenzene	UJ
			1,2-Dichlorobenzene, 2-Methylphenol	UJ
			Bis(2-chloroisopropyl)ether	UJ
			N-Nitrosodi-n-propylamine, 3&4-Methylphenol	UJ
			Acetophenone, Hexachloroethane, Nitrobenzene	UJ
			Isophorone, 2-Nitrophenol, 2,4-Dimethylphenol	UJ
			Bis(2-chloroethoxy)methane, Benzoic Acid	UJ
			2,4-Dichlorophenol, 1,2,4-Trichlorobenzene	UJ
			4-chloroaniline, Hexachlorobutadiene	UJ
			4-chloro-3-methylphenol, hexachlorocyclopentadiene	UJ
			1,2,4,5-Tetrachlorobenzene	UJ
			Naphthalene, 2-methylnaphthalene	J

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BV83365 BLANK) associated with the soil samples extracted on 11/15/2016 and analyzed on 11/15/2016 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) associated with Batch ID: BV83365 were analyzed on 11/15/2016. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Pyridine	29/A/A	15B19 (0-2), 15B19 (12-14), 15B19 (20-25), 15B4 (12-14), 15B4 (15-17), 15B4 (18-20), 15B3 (12-14), 15B1 (12-14), 15B1 (18-20), 15B2 (12-14), 15B2 (22.5-25), 15B10 (10-15), 15B9 (3-5), 15B9 (10-15), SOIL DUPLICATE 3, SOIL DUPLICATE 4	UJ
1,3-Dichlorobenzene	46/54/A	15B19 (0-2), 15B19 (12-14), 15B19 (20-25), 15B4 (12-14), 15B4 (15-17), 15B4 (18-20), 15B3 (12-14), 15B1 (12-14), 15B1 (18-20), 15B2 (12-14), 15B2 (22.5-25), 15B10 (10-15), 15B9 (3-5), 15B9 (10-15), SOIL DUPLICATE 3, SOIL DUPLICATE 4	UJ
1,4-Dichlorobenzene	49/57/A	15B19 (0-2), 15B19 (12-14), 15B19 (20-25), 15B4 (12-14), 15B4 (15-17), 15B4 (18-20), 15B3 (12-14), 15B1 (12-14), 15B1 (18-20), 15B2 (12-14), 15B2 (22.5-25), 15B10 (10-15), 15B9 (3-5), 15B9 (10-15), SOIL DUPLICATE 3, SOIL DUPLICATE 4	UJ
1,2-Dichlorobenzene	49/56/A	15B19 (0-2), 15B19 (12-14), 15B19 (20-25), 15B4 (12-14), 15B4 (15-17), 15B4 (18-20), 15B3 (12-14), 15B1 (12-14), 15B1 (18-20), 15B2 (12-14), 15B2 (22.5-25), 15B10 (10-15), 15B9 (10-15), SOIL DUPLICATE 3, SOIL DUPLICATE 4, 15B9 (3-5)	UJ UJ UJ UJ UJ UJ J
Benzoic Acid	0/0/NC	15B19 (0-2), 15B19 (12-14), 15B19 (20-25), 15B4 (12-14), 15B4 (15-17), 15B4 (18-20), 15B3 (12-14), 15B1 (12-14), 15B1 (18-20), 15B2 (12-14), 15B2 (22.5-25), 15B10 (10-15), 15B9 (3-5), 15B9 (10-15), SOIL DUPLICATE	R



Compound	%R/%R/RPD	Sample Affected	Action
		3, SOIL DUPLICATE 4	
Hexachlorobutadiene	57/63/A	15B19 (0-2), 15B19 (12-14), 15B19 (20-25), 15B4 (12-14), 15B4 (15-17), 15B4 (18-20), 15B3 (12-14), 15B1 (12-14), 15B1 (18-20), 15B2 (12-14), 15B2 (22.5-25), 15B10 (10-15), 15B9 (3-5), 15B9 (10-15), SOIL DUPLICATE 3, SOIL DUPLICATE 4	UJ
2,4-Dinitrophenol	9/8/A	15B19 (0-2), 15B19 (12-14), 15B19 (20-25), 15B4 (12-14), 15B4 (15-17), 15B4 (18-20), 15B3 (12-14), 15B1 (12-14), 15B1 (18-20), 15B2 (12-14), 15B2 (22.5-25), 15B10 (10-15), 15B9 (3-5), 15B9 (10-15), SOIL DUPLICATE 3, SOIL DUPLICATE 4	UJ
4,6-Dinitro-2-methylphenol	A/28/A	15B19 (0-2), 15B19 (12-14), 15B19 (20-25), 15B4 (12-14), 15B4 (15-17), 15B4 (18-20), 15B3 (12-14), 15B1 (12-14), 15B1 (18-20), 15B2 (12-14), 15B2 (22.5-25), 15B10 (10-15), 15B9 (3-5), 15B9 (10-15), SOIL DUPLICATE 3, SOIL DUPLICATE 4	UJ
Benzidine	25/24/A	15B19 (0-2), 15B19 (12-14), 15B19 (20-25), 15B4 (12-14), 15B4 (15-17), 15B4 (18-20), 15B3 (12-14), 15B1 (12-14), 15B1 (18-20), 15B2 (12-14), 15B2 (22.5-25), 15B10 (10-15), 15B9 (3-5), 15B9 (10-15), SOIL DUPLICATE 3, SOIL DUPLICATE 4	UJ

A= Acceptable

Field Duplicate:

1. Sample SOIL DUPLICATE 3 (BV83380) was collected as a field duplicate of sample 15B19 (0-2) (BV83365). All RPDs were <50%. No qualifications were required.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15B19 (0-2)	Anthracene	SW-846 8270	230	µg/Kg	Soil Duplicate 3	210	µg/Kg	9.1	None
15B19 (0-2)	Benzo(a)anthracene	SW-846 8270	910	µg/Kg	Soil Duplicate 3	980	µg/Kg	7.4	None
15B19 (0-2)	Benzo(a)pyrene	SW-846 8270	850	µg/Kg	Soil Duplicate 3	930	µg/Kg	9.0	None
15B19 (0-2)	Benzo(b)fluoranthene	SW-846 8270	680	µg/Kg	Soil Duplicate 3	730	µg/Kg	7.1	None
15B19 (0-2)	Benzo(ghi)perylene	SW-846 8270	590	µg/Kg	Soil Duplicate 3	590	µg/Kg	0.0	None
15B19 (0-2)	Benzo(k)fluoranthene	SW-846 8270	670	µg/Kg	Soil Duplicate 3	730	µg/Kg	8.6	None



Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15B19 (0-2)	Chrysene	SW-846 8270	970	µg/Kg	Soil Duplicate 3	1100	µg/Kg	12.6	None
15B19 (0-2)	Dibenz(a,h)anthracene	SW-846 8270	140	µg/Kg	Soil Duplicate 3	140	µg/Kg	0.0	None
15B19 (0-2)	Fluoranthene	SW-846 8270	1500	µg/Kg	Soil Duplicate 3	1900	µg/Kg	23.5	None
15B19 (0-2)	Indeno(1,2,3-cd)pyrene	SW-846 8270	600	µg/Kg	Soil Duplicate 3	610	µg/Kg	1.7	None
15B19 (0-2)	Phenanthrene	SW-846 8270	110	µg/Kg	Soil Duplicate 3	1000	µg/Kg	9.5	None
15B19 (0-2)	Pyrene	SW-846 8270	1500	µg/Kg	Soil Duplicate 3	1900	µg/Kg	23.5	None

2. Sample SOIL DUPLICATE 4 (BV83381) was collected as a field duplicate of sample 15B2 (12-14) (BV83375). All RPDs were <50%. No qualifications were required.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15B2 (12-14)	2-Methylnaphthalene	SW-846 8270	1500	µg/Kg	Soil Duplicate 4	1100	µg/Kg	30.8	None
15B2 (12-14)	Naphthalene	SW-846 8270	3000	µg/Kg	Soil Duplicate 4	1900	µg/Kg	44.9	None

Matrix Spike (MS)/Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) was performed on sample 15B19 (0-2) (BV83365). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R	Sample Affected	Action
1,3-Dichlorobenzene	55/55/A	15B19 (0-2)	UJ ¹
1,4-Dichlorobenzene	59/59/A	15B19 (0-2)	UJ ¹
1,2-Dichlorobenzene	60/60/A	15B19 (0-2)	UJ ¹
Benzoic Acid	11/13/A	15B19 (0-2)	R ¹
Hexachlorobutadiene	64/63/A	15B19 (0-2)	UJ ¹
Benzidine	6/4/A	15B19 (0-2)	UJ ¹

A= Acceptable

- (1) Results for these compounds were qualified previously due to LCS recovery criteria.

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:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.

3. Manual Calculation:

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

C_x = concentration of analyte as ug/kg
 A_x = Area of the characteristic ion for the compound to be measured, counts.
 A_{is} = Area of the characteristic ion for the specific internal standard, counts.
 IS = Concentration of the internal standard spiking mixture, ng
 RRF= Mean relative response factor from the initial calibration.
 DF = Dilution factor calculated. If no dilution is performed, DF= 1
 V= Volume for liquids in ml, weight for soils/solids in grams.
 VE= final volume of concentrated extract

Sample: BV83365 LCS

Pyrene

Sample weight= 15g
 Volume purged=1.0ml
 DF = 1
 %Solids=NA

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{1936490 \times 40 \times 1 \times 1000}{1521279 \times 1.329 \times 15} = 2554.17 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Pyrene	2555	2555	0.0

Comments:

1. Semivolatile data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV83365.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV83365.



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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV83365
Client: Environmental Business Consultants
Date: 02/21/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for seventeen (17) soil samples and two (2) trip blanks analyzed for Volatiles by SW-846 Method 8260C in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/14/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/15/2016 for analysis.
3. The USEPA Region-II SOP HW-24, Revision 4, October 2014, Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SW-846 Method 8260C was used in evaluating the Volatiles data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (see discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B19 (0-2)	BV83365	11/14/16	VOA	Soil	
15B19 (12-14)	BV83366	11/14/16	VOA	Soil	
15B19 (18-20)	BV83367	11/14/16	VOA	Soil	
15B19 (20-25)	BV83368	11/14/16	VOA	Soil	
15B4 (12-14)	BV83369	11/14/16	VOA	Soil	
15B4 (15-17)	BV83370	11/14/16	VOA	Soil	
15B4 (18-20)	BV83371	11/14/16	VOA	Soil	
15B3 (12-14)	BV83372	11/14/16	VOA	Soil	
15B1 (12-14)	BV83373	11/14/16	VOA	Soil	
15B1 (18-20)	BV83374	11/14/16	VOA	Soil	
15B2 (12-14)	BV83375	11/14/16	VOA	Soil	
15B2 (22.5-25)	BV83376	11/14/16	VOA	Soil	
15B10 (10-15)	BV83377	11/14/16	VOA	Soil	
15B9 (3-5)	BV83378	11/14/16	VOA	Soil	
15B9 (10-15)	BV83379	11/14/16	VOA	Soil	
SOIL DUPLICATE 3	BV83380	11/14/16	VOA	Soil	Field Duplicate to Sample 15B19 (0-2)
SOIL DUPLICATE 4	BV83381	11/14/16	VOA	Soil	Field Duplicate to Sample 15B2 (12-14)
Trip Blank High	BV83382	11/14/16	VOA	Soil	Trip Blank
Trip Blank Low	BV83383	11/14/16	VOA	Soil	Trip Blank

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were analyzed within 14 days from sample collection. No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/11/2016 (Chem03) exhibited acceptable %RSDs ($\leq 30.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (> 0.050) with the following exception(s):

Compound	RRF	%RSD
Chloroethane	A	25.2
Acrolein	0.036	A
Acetone	A	28.5

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15B19 (0-2)	BV83365	Chloroethane, Acrolein, Acetone	UJ
15B19 (12-14)	BV83366	Chloroethane, Acrolein, Acetone	UJ
15B19 (18-20)	BV83367	Chloroethane, Acrolein, Acetone	UJ
15B19 (20-25)	BV83368	Chloroethane, Acrolein, Acetone	UJ
15B4 (12-14)	BV83369	Chloroethane, Acrolein, Acetone	UJ
15B4 (15-17)	BV83370	Chloroethane, Acrolein, Acetone	UJ
15B4 (18-20)	BV83371	Chloroethane, Acrolein, Acetone	UJ
15B3 (12-14)	BV83372	Chloroethane, Acrolein, Acetone	UJ
15B1 (12-14)	BV83373	Chloroethane, Acrolein, Acetone	UJ
15B1 (18-20)	BV83374	Chloroethane, Acrolein, Acetone	UJ
15B2 (12-14)	BV83375	Chloroethane, Acrolein, Acetone	UJ
15B2 (22.5-25)	BV83376	Chloroethane, Acrolein, Acetone	UJ
15B10 (10-15)	BV83377	Chloroethane, Acrolein, Acetone	UJ
15B9 (3-5)	BV83378	Chloroethane, Acrolein Acetone	UJ J
15B9 (10-15)	BV83379	Chloroethane, Acrolein Acetone	UJ J
SOIL DUPLICATE 3	BV83380	Chloroethane, Acrolein, Acetone	UJ
SOIL DUPLICATE 4	BV83381	Chloroethane, Acrolein Acetone	UJ J
Trip Blank High	BV83382	Chloroethane, Acrolein, Acetone	UJ
Trip Blank Low	BV83383	Chloroethane, Acrolein Acetone	UJ J

Continuing Calibration Verification (CCV):

1. CCV analyzed on 11/15/2016 @ 20:12 (CHEM03) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$ with the following exception(s):

Compound	RRF	%D
Acrolein ¹	0.036	A

A= Acceptable

(1) Results for this compound were previously qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
Trip Blank Low	BV83383	Acrolein	UJ
Trip Blank High	BV83382	Acrolein	UJ
15B19 (12-14)	BV83366	Acrolein	UJ
15B4 (12-14)	BV83369	Acrolein	UJ
15B4 (18-20)	BV83371	Acrolein	UJ
15B3 (12-14)	BV83372	Acrolein	UJ
15B1 (18-20)	BV83374	Acrolein	UJ
15B2 (22.5-25)	BV83376	Acrolein	UJ
15B10 (10-15) HL	BV83377	Acrolein	UJ
15B10 (10-15) LL	BV83377	Acrolein	UJ
SOIL DUPLICATE 3	BV83380	Acrolein	UJ
15B19 (18-20)	BV83367	Acrolein	UJ
15B4 (15-17)	BV83370	Acrolein	UJ
15B1 (12-14)	BV83373	Acrolein	UJ
15B2 (12-14)	BV83375	Acrolein	UJ
15B9 (3-5)	BV83378	Acrolein	UJ
SOIL DUPLICATE 4	BV83381	Acrolein	UJ

2. CCV analyzed on 11/16/2016 @ 07:50 (CHEM03) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$ with the following exception(s):

Compound	RRF	%D
Tetrahydrofuran	A	23.5
Acetone ¹	A	34.0

Compound	RRF	%D
Methyl Ethyl Ketone	A	36.5
4-Methyl-2-Pentanone	A	26.8
2-Hexanone	A	25.6
1,2,4-Trichlorobenzene	A	23.0
1,2,3-Trichlorobenzene	A	23.0

A= Acceptable

1 Results for this compound were previously qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
Trip Blank Low	BV83383	Acetone Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	J UJ UJ UJ
Trip Blank High	BV83382	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B19 (12-14)	BV83366	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B4 (12-14)	BV83369	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B4 (18-20)	BV83371	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B3 (12-14)	BV83372	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B1 (18-20)	BV83374	Tetrahydrofuran, Acetone, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	J UJ UJ UJ
15B2 (22.5-25)	BV83376	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B10 (10-15) HL	BV83377	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	J UJ UJ UJ
15B10 (10-15) LL	BV83377	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ

Client Sample ID	Laboratory Sample ID	Compound	Action
SOIL DUPLICATE 3	BV83380	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B19 (18-20)	BV83367	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B4 (15-17)	BV83370	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B1 (12-14)	BV83373	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B2 (12-14)	BV83375	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
15B9 (3-5)	BV83378	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ
SOIL DUPLICATE 4	BV83381	Acetone, Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene	UJ

3. CCV analyzed on 11/16/2016 @ 09:25 (CHEM03) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$ with the following exception(s):

Compound	RRF	%D
Acrolein ¹	0.036	A
Bromoform	A	-33.7

A= Acceptable

- 1 Results for this compound were previously qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
15B19 (0-2)	BV83365	Acrolein, Bromoform	UJ
15B19 (0-2)	BV83365	Acrolein, Bromoform	UJ
15B19 (18-20)	BV83367	Acrolein, Bromoform	UJ
15B4 (15-17)	BV83370	Acrolein, Bromoform	UJ
15B1 (12-14)	BV83373	Acrolein, Bromoform	UJ
15B2 (22.5-25)	BV83376	Acrolein, Bromoform	UJ
15B9 (3-5)	BV83378	Acrolein, Bromoform	UJ

Client Sample ID	Laboratory Sample ID	Compound	Action
15B9 (10-15)	BV83379	Acrolein, Bromoform	UJ
SOIL DUPLICATE 4	BV83381	Acrolein, Bromoform	UJ
15B19 (20-25)	BV83368	Acrolein, Bromoform	UJ

(1) Results for this compound were previously qualified due to ICV criteria.

4. CCV analyzed on 11/16/2016 @ 20:49 (CHEM03) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.

Compound	RRF	%D
Acetone ¹	A	33.0
Acrolein ¹	0.036	A
Methyl Ethyl Ketone	A	36.5

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15B3 (12-14)	BV83372	None	None

(1) Results for this compound were previously qualified due to ICV criteria.

5. CCV analyzed on 11/17/2016 @ 08:09 (CHEM03) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$. No qualifications were required.

Compound	RRF	%D
Carbon Tetrachloride	A	-26.8
Methylene Chloride	A	-23.7
Trans-1,2-Dichloroethene	A	-23.7
Carbon Tetrachloride	A	-26.8
Dibromochloromethane	A	-30.0
1,2-Dibromoethane	A	-20.7
1,1,1,2-Tetrachloroethane	A	-28.0
Bromoform	A	-41.1
1,2-Bromo-3-Chloropropane	A	-28.3

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15B3 (12-14)	BV83372	None	None

(1) Results for this compound were previously qualified due to ICV criteria.

6. CCV analyzed on 11/17/2016 @ 20:51 (CHEM03) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.

Compound	RRF	%D
Acrolein ¹	0.030	A

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15B19 (20-25)	BV83368	None	None

(1) Results for this compound were previously qualified due to ICV criteria.

7. CCV analyzed on 11/18/2016 @ 08:16 (CHEM03) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$ with the following exception(s):

Compound	RRF	%D
Acetone ¹	A	20.6
Acrolein ¹	0.028	22.2
Methyl Ethyl Ketone	A	20.2

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15B19 (20-25)	BV83368	None	None

(1) Results for this compound were previously qualified due to ICV criteria.

Surrogates:

1. All surrogates %RECs values for all soil samples and associated QC were within the laboratory control limits with the following exception(s):

Client Sample ID	Laboratory Sample ID	Surrogate(s)	Compound	Action
15B2 (22.5-25)	BV83376	Bromofluorobenzene (132%)	All compounds with the exception of results run at a 50 dilution	UJ/J
15B1 (12-14)	BV83373 50X	Bromofluorobenzene (147%)	All compounds run at a 50x dilution	J/UJ

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all three internal standards within the QC limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BV83365 Blank) analyzed on 11/16/2016 was free of contamination. No qualifications were required.
2. Method Blank (BV83377 Blank) analyzed on 11/15/2016 was free of contamination. No qualifications were required.
3. Method Blank (BV85800 Blank) analyzed on 11/16/2016 was free of contamination. No qualifications were required.
4. Method Blank (BV86360 Blank) analyzed on 11/17/2016 was free of contamination. No qualifications were required.
5. Trip Blank High (BV83382) analyzed on 11/15/2016 was free of contamination. No qualifications were required.
6. Trip Blank Low (BV83383) analyzed on 11/15/2016.

Laboratory Sample ID	Compound	Results (µg/Kg)	Action Level (2x CRQL) (µg/Kg)	Sample Affected	Action
Trip Blank Lo (BV83383)	Acetone	6.3	50	15B19 (0-2), 15B19 (12-14), 15B19 (18-20), 15B19 (20-25), 15B4 (12-14), 15B4 (15-17), 15B4 (18-20), 15B3 (12-14), 15B1 (12-14), 15B1 (18-20), 15B2 (12-14), 15B2 (22.5-25), 15B9 (3-5), 15B9 (10-15), SOIL DUPLICATE 3, SOIL DUPLICATE 4, 15B10 (10-15)	None None None None None None None None None None U
	Ethylbenzene	0.71	5	15B19 (0-2), 15B19 (18-20), 15B19 (20-25), 15B4 (12-14), 15B4 (15-17), 15B3 (12-14), 15B9 (3-5), 15B1 (12-14), 15B1 (18-20), 15B2 (12-14), 15B2 (22.5-25),	None None None None None



Laboratory Sample ID	Compound	Results (µg/Kg)	Action Level (2x CRQL) (µg/Kg)	Sample Affected	Action
				SOIL DUPLICATE 4, SOIL DUPLICATE 3, 15B10 (10-15) 15B19 (12-14), 15B4 (18-20), 15B9 (10-15)	None U U U
	M&p-xylene	1.6	5	15B19 (0-2), 15B3 (12-14), 15B19 (18-20), 15B19 (20-25), 15B4 (12-14), 15B4 (15-17), 15B1 (12-14), 15B9 (3-5), 15B2 (12-14), 15B2 (22.5-25), SOIL DUPLICATE 4, SOIL DUPLICATE 3, 15B9 (10-15), 15B10 (10-15), 15B19 (12-14), 15B4 (18-20), 15B1 (18-20)	None None None None None None U U U U

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Sample ID: BV83365 were analyzed on 11/16/2016. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.
2. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Sample ID: BV83377 were analyzed on 11/15/2016. All %RECs and RPDs were within the laboratory control limits.
3. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Sample ID: BV85800 were analyzed on 11/16/2016. All %RECs and RPDs were within the laboratory control limits.
3. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Sample ID: BV86360 were analyzed on 11/17/2016. All %RECs and RPDs were within the laboratory control limits.

Field Duplicate:

1. Sample SOIL DUPLICATE 3 (BV83380) was collected as a field duplicate of sample 15B19 (0-2) (BV83365). All RPDs were <50% with the following exception(s):

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15B19 (0-2)	1,2,4-Trimethylbenzene	SW-846 8260	0.58	µg/Kg	Soil Duplicate 3	0.91	µg/Kg	0	None
15B19 (0-2)	1,3,5-Trimethylbenzene	SW-846 8260	ND	µg/Kg	Soil Duplicate 3	0.67	µg/Kg	NC	J/UJ
15B19 (0-2)	Naphthalene	SW-846 8260	210	µg/Kg	Soil Duplicate 3	0.97	µg/Kg	198.2	J

ND = Non-detect NC = Not calculated

- Sample SOIL DUPLICATE 4 (BV83381) was collected as a field duplicate of sample 15B2 (12-14) (BV83375). All RPDs were <50% with the following exception(s):

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15B2 (12-14)	1,2,4-Trimethylbenzene	SW-846 8260	260	µg/Kg	Soil Duplicate 4	17000	µg/Kg	194.0	J
15B2 (12-14)	1,3,5-Trimethylbenzene	SW-846 8260	ND	µg/Kg	Soil Duplicate 4	5200	µg/Kg	NC	UJ/J
15B2 (12-14)	2-Isopropyltoluene	SW-846 8260	150	µg/Kg	Soil Duplicate 4	100	µg/Kg	40.0	None
15B2 (12-14)	Acetone	SW-846 8260	ND	µg/Kg	Soil Duplicate 4	400	µg/Kg	NC	UJ/J
15B2 (12-14)	Ethylbenzene	SW-846 8260	420	µg/Kg	Soil Duplicate 4	3200	µg/Kg	153.6	J
15B2 (12-14)	Isopropylbenzene	SW-846 8260	600	µg/Kg	Soil Duplicate 4	1600	µg/Kg	90.9	J
15B2 (12-14)	M&p-Xylene	SW-846 8260	ND	µg/Kg	Soil Duplicate 4	2500	µg/Kg	NC	UJ/J
15B2 (12-14)	Naphthalene	SW-846 8260	490	µg/Kg	Soil Duplicate 4	3000	µg/Kg	143.8	J
15B2 (12-14)	n-Butylbenzene	SW-846 8260	410	µg/Kg	Soil Duplicate 4	1700	µg/Kg	122.3	J
15B2 (12-14)	n-Propylbenzene	SW-846 8260	2800	µg/Kg	Soil Duplicate 4	6100	µg/Kg	74.2	J
15B2 (12-14)	p-Isopropyltoluene	SW-846 8260	340	µg/Kg	Soil Duplicate 4	510	µg/Kg	40.0	None
15B2 (12-14)	Sec-Butylbenzene	SW-846 8260	2000	µg/Kg	Soil Duplicate 4	800	µg/Kg	85.7	J
15B2 (12-14)	Tert-Butylbenzene	SW-846 8260	ND	µg/Kg	Soil Duplicate 4	51	µg/Kg	NC	UJ/J

ND = Non-detect NC = Not calculated

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

- Matrix Spike (MS) was performed on sample 15B19 (0-2) (BV83365). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R	Sample Affected	Action
Bromomethane	64/A/A	15B19 (0-2)	UJ
Chloroethane	40/43/A	15B19 (0-2)	UJ ¹
Trichlorofluoromethane	27/31/A	15B19 (0-2)	UJ
Carbon Disulfide	67/67/A	15B19 (0-2)	UJ
Acrolein	68/A/A	15B19 (0-2)	UJ ¹
Acetone	43/44/A	15B19 (0-2)	UJ ¹

A= Acceptable

(1) Results for these compounds were qualified previously due to ICV/CCV criteria.

2. Matrix Spike (MS) was performed on sample 15B10 (10-15) (BV83377). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R	Sample Affected	Action
Acrolein	31/28/A	15B10 (10-15)	UJ ¹
Methyl Ethyl Ketone	65/66/A	15B10 (10-15)	UJ ¹
Hexachlorobutadiene	64/64/A	15B10 (10-15)	UJ
1,2,4-Trichlorobenzene	62/63/A	15B10 (10-15)	UJ
1,2,3-Trichlorobenzene	62/63/A	15B10 (10-15)	UJ

A= Acceptable

- (1) Results for these compounds were qualified previously due to ICV/CCV criteria

Target Compound Identification:

1. All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).
2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range. No qualifications were required.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. 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.

BV83365 LCS

Carbon disulfide

Sample weight= 5.0g

Volume purged=5.0ml

DF = 1

%Solids=NA

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{331522 \times 50 \times 1 \times 5.0}{279626 \times 0.999 \times 5.0} = 59.34 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Carbon disulfide	59	59	0.0

Comments:

1. Volatile data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV83365.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV83365.

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV83365
Client: Environmental Business Consultants
Date: 02/21/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for nine (9) soil samples analyzed for PCBs by SW-846 Method 8082A in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/14/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/15/2016 for analysis.
3. The USEPA Region-II SOP HW-37, Revision 3, May 2013, Validating PCBs compounds by Gas Chromatography, SW-846 Method 8082A was used in evaluating the PCBs data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (see discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B19 (0-2)	BV83365	11/14/16	PCBs	Soil	
15B4 (12-14)	BV83369	11/14/16	PCBs	Soil	
15B3 (12-14)	BV83372	11/14/16	PCBs	Soil	
15B1 (12-14)	BV83373	11/14/16	PCBs	Soil	
15B2 (12-14)	BV83375	11/14/16	PCBs	Soil	
15B10 (10-15)	BV83377	11/14/16	PCBs	Soil	
15B9 (10-15)	BV83379	11/14/16	PCBs	Soil	
SOIL DUPLICATE 3	BV83380	11/14/16	PCBs	Soil	Field Duplicate to Sample 15B19 (0-2)
SOIL DUPLICATE 4	BV83381	11/14/16	PCBs	Soil	Field Duplicate to Sample 15B2 (12-14)

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/14/2016 (ECD1) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 11/16-18/2016 exhibited acceptable %Ds ($\leq 15.0\%$) for all compounds. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all soil samples and associated QC were within the laboratory control limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BV83365 BL) associated with the soil samples extracted on 11/15/2016 and analyzed on 11/16/2016 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with ID: BV83365 were analyzed on 11/16/2016. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE 3 (BV83380) was collected as a field duplicate of sample 15B19 (0-2) (BV83365). Both samples were non-detect for PCBS. No qualifications were required.
2. Sample SOIL DUPLICATE 4 (BV83381) was collected as a field duplicate of sample 15B2 (12-14) (BV83375). Both samples were non-detect for PCBS. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15B19 (0-2) (BV83365). All %RECs/RPDs were within the control limits. No qualifications were required.

Compound Quantitation, Compound Identification and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:

BV83365 LCS

Aroclor-1016

On Column concentration (B)= 365.9ng

Sample weight= 15.0g

DF= 10

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{365.9\text{ng} \times 5\text{ml} \times 10}{15.0\text{g}} = 1219.67\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Aroclor-1016	1220	1220	0.0

Comments:

1. PCBs data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV83365.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV83365.

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV83365
Client: Environmental Business Consultants
Date: 02/21/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for nine (9) soil samples analyzed for Pesticides by SW-846 Method 8081B in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/14/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/15/2016 for analysis.
3. The USEPA Region-II SOP HW-44, Revision 1, October 2006, Validating Pesticide compounds by Gas Chromatography, SW-846 Method 8081B was used in evaluating the Pesticides data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (See discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B19 (0-2)	BV83365	11/14/16	Pesticides	Soil	
15B4 (12-14)	BV83369	11/14/16	Pesticides	Soil	
15B3 (12-14)	BV83372	11/14/16	Pesticides	Soil	
15B1 (12-14)	BV83373	11/14/16	Pesticides	Soil	
15B2 (12-14)	BV83375	11/14/16	Pesticides	Soil	
15B10 (10-15)	BV83377	11/14/16	Pesticides	Soil	
15B9 (10-15)	BV83379	11/14/16	Pesticides	Soil	
SOIL DUPLICATE 3	BV83380	11/14/16	Pesticides	Soil	Field Duplicate to Sample 15B19 (0-2)
SOIL DUPLICATE 4	BV83381	11/14/16	Pesticides	Soil	Field Duplicate to Sample 15B2 (12-14)

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/ECD Instrument Performance Check:

1. 4,4'-DDT and Endrin breakdown exhibited acceptable results ($\pm 20\%$). No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/14/2016 (ECD13) exhibited acceptable %RSD on both columns. No qualifications were required.

2. Initial calibration curve analyzed on 11/15/2016 (ECD35) exhibited acceptable %RSD on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 11/16-18/2016 exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all soil samples were within the laboratory control limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BV83365 BL) associated with the soil samples extracted on 11/15/2016 and analyzed on 11/16/2016 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample associated with ID: BV83365 LCS was analyzed on 11/16/2016. All %RECs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE 3 (BV83380) was collected as a field duplicate of sample 15B19 (0-2) (BV83365). Both samples were non-detect for PCBS with the exception of 4,4'-DDT in Sample 15B19 (0-2). 4,4'-DDT was not detected in the field duplicate sample. Results for 4,4'-DDT was qualified as estimated in both samples (J/UJ).
2. Sample SOIL DUPLICATE 4 (BV83381) was collected as a field duplicate of sample 15B2 (12-14) (BV83375). Both samples were non-detect for PCBS. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15B19 (0-2) (BV83365). All %RECs/RPDs were within the laboratory control. No qualifications were required.

Compound Quantitation, Compound Identification and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:

BV83365LCS

Alpha-BHC

On Column concentration (A) = 42.4044ng

Sample Weight= 15.0g

DF = 2

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{42.4044\text{ng} \times 5\text{ml} \times 2}{15.0\text{g}} = 28.2696\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Alpha-BHC	28.3	28.3	0.0

Comments:

1. Pesticides data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV83365.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV83365.

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV83365
Client: Environmental Business Consultants
Date: 02/20/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for seventeen (17) soil samples analyzed for the following analyses:
 - 1.1 Trace Metals-ICP-AES by SW-846 Method 6010C.
 - 1.2 Mercury by SW-846 Method 7471A.
2. The samples were collected on 11/14/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/15/2016 for analysis.
3. The USEPA Region-II SOP No. HW-2a, Revision 15, December 2012, Validation of ICP-AES was used in evaluating the Trace Metals data and USEPA Region-II SOP No. HW-2c, Revision 15, December 2012, Validation of Mercury and Cyanide was used in evaluating the mercury data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (See discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
15B19 (0-2)	BV83365	11/14/16	ICP, CVAA	Soil	
15B19 (12-14)	BV83366	11/14/16	ICP, CVAA	Soil	
15B19 (18-20)	BV83367	11/14/16	ICP, CVAA	Soil	
15B19 (20-25)	BV83368	11/14/16	ICP, CVAA	Soil	
15B4 (12-14)	BV83369	11/14/16	ICP, CVAA	Soil	
15B4 (15-17)	BV83370	11/14/16	ICP, CVAA	Soil	
15B4 (18-20)	BV83371	11/14/16	ICP, CVAA	Soil	
15B3 (12-14)	BV83372	11/14/16	ICP, CVAA	Soil	
15B1 (12-14)	BV83373	11/14/16	ICP, CVAA	Soil	
15B1 (18-20)	BV83374	11/14/16	ICP, CVAA	Soil	
15B2 (12-14)	BV83375	11/14/16	ICP, CVAA	Soil	
15B2 (22.5-25)	BV83376	11/14/16	ICP, CVAA	Soil	
15B10 (10-15)	BV83377	11/14/16	ICP, CVAA	Soil	
15B9 (3-5)	BV83378	11/14/16	ICP, CVAA	Soil	
15B9 (10-15)	BV83379	11/14/16	ICP, CVAA	Soil	
SOIL DUPLICATE 3	BV83380	11/14/16	ICP, CVAA	Soil	Field Duplicate to Sample 15B19 (0-2)
SOIL DUPLICATE 4	BV83381	11/14/16	ICP, CVAA	Soil	Field Duplicate to Sample 15B2 (12-14)

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were analyzed within the 6 months holding times for Trace Metals analysis by ICP-AES. No qualifications were required.
2. All soil samples were digested and analyzed within the 28 days holding times for Mercury analysis. No qualifications were required.

Initial and Continuing Calibration Verification (ICV and CCV):

ICP-AES:

1. All %RECs in the ICV and CCVs were within QC limits (90-110). No qualifications were required.

Mercury:

- 1 All correlation coefficient for Mercury calibration curve analyzed were ≥ 0.995 . No qualifications were required.
2. All ICVs and CCVs %REC values were within the QC limits (80-120%). No qualifications were required.

CRQL Check Standard (CRI):

1. All CRI analyzed %RECs were within the control limits (70-130%). No qualifications were required.

ICP-AES Interference Check Sample:

1. All %REC values were within the QC limits (80-120%) for ICSA and ICSAB. No qualifications were required.

Blanks (Method Blank, ICB and CCB):

ICP-AES:

1. Method Blank-Soil (BV83365) digested on 11/154/2016 was free of contamination. No qualifications were required.
2. All ICB and CCBs were free of contamination with the following exception(s):

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Calcium	47	50	SOIL DUPLICATE 3	None

*= If sample concentration >MDL but < Reporting limit, then sample result qualified as non-detect (U). If sample concentration greater than CRQL but less than 10x the blank result, then qualify estimated (J). If sample concentration greater than 10x the blank results or sample was not detected then no qualifications or action is required.



Mercury:

1. All ICB and CCBs were free of contamination. No qualifications were required.
2. Method Blank (BV83365) digested on 11/16/2016 was free of contamination. No qualifications were required.

Field Blank (FB) and Equipment Blank (EB):

1. Field Blanks were not submitted with this SDG.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

ICP-AES and Mercury:

1. Laboratory Control Sample %RECs were within the laboratory control limits (75-125%). No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE 3 (BV83380) was collected as a field duplicate of sample 15B19 (0-2) (BV83365). All of the RPDs were $\leq 50\%$ (or difference $> 2 \times \text{CRDL}$). No qualifications were required.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	Difference	RPD	Qualifier
15B19 (0-2)	Aluminum	SW8466010B	7860	mg/Kg	SOIL DUPLICATE 3	8170	mg/Kg	NA	3.9	None
15B19 (0-2)	Arsenic	SW8466010B	6.59	mg/Kg	SOIL DUPLICATE 3	6.36	mg/Kg	NA	3.6	None
15B19 (0-2)	Barium	SW8466010B	129	mg/Kg	SOIL DUPLICATE 3	113	mg/Kg	NA	13.2	None
15B19 (0-2)	Beryllium	SW8466010B	0.42	mg/Kg	SOIL DUPLICATE 3	0.41	mg/Kg	0.0	NA	None
15B19 (0-2)	Cadmium	SW8466010B	0.68	mg/Kg	SOIL DUPLICATE 3	0.58	mg/Kg	0.1	NA	None
15B19 (0-2)	Calcium	SW8466010B	7640	mg/Kg	SOIL DUPLICATE 3	6690	mg/Kg	NA	13.3	None
15B19 (0-2)	Chromium	SW8466010B	19.3	mg/Kg	SOIL DUPLICATE 3	20.2	mg/Kg	NA	4.6	None
15B19 (0-2)	Cobalt	SW8466010B	7.67	mg/Kg	SOIL DUPLICATE 3	7.23	mg/Kg	NA	5.9	None
15B19 (0-2)	Copper	SW8466010B	80.5	mg/Kg	SOIL DUPLICATE 3	73.7	mg/Kg	NA	8.8	None
15B19 (0-2)	Iron	SW8466010B	20300	mg/Kg	SOIL DUPLICATE 3	19800	mg/Kg	NA	2.5	None
15B19 (0-2)	Lead	SW8466010B	237	mg/Kg	SOIL DUPLICATE 3	243	mg/Kg	NA	2.5	None



Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	Difference	RPD	Qualifier
15B19 (0-2)	Magnesium	SW8466010B	2070	mg/Kg	SOIL DUPLICATE 3	2120	mg/Kg	NA	2.4	None
15B19 (0-2)	Manganese	SW8466010B	345	mg/Kg	SOIL DUPLICATE 3	386	mg/Kg	NA	11.2	None
15B19 (0-2)	Mercury	SW8467471	1.57	mg/Kg	SOIL DUPLICATE 3	1.04	mg/Kg	NA	40.6	None
15B19 (0-2)	Nickel	SW8466010B	15.7	mg/Kg	SOIL DUPLICATE 3	15.1	mg/Kg	NA	3.9	None
15B19 (0-2)	Potassium	SW8466010B	1120	mg/Kg	SOIL DUPLICATE 3	1120	mg/Kg	NA	0.0	None
15B19 (0-2)	Sodium	SW8466010B	227	mg/Kg	SOIL DUPLICATE 3	230	mg/Kg	NA	1.3	None
15B19 (0-2)	Vanadium	SW8466010B	24.8	mg/Kg	SOIL DUPLICATE 3	25.0	mg/Kg	NA	0.8	None
15B19 (0-2)	Zinc	SW8466010B	165	mg/Kg	SOIL DUPLICATE 3	160	mg/Kg	NA	3.1	None

2. Sample SOIL DUPLICATE 4 (BV83381) was collected as a field duplicate of sample 15B2 (12-14) (BV83375). All of the RPDs were $\leq 50\%$ (or difference $> 2 \times \text{CRDL}$) with the exception of iron.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	Difference	RPD	Qualifier
15B2 (12-14)	Aluminum	SW8466010B	4150	mg/Kg	SOIL DUPLICATE 4	6770	mg/Kg	NA	48.0	None
15B2 (12-14)	Arsenic	SW8466010B	1.41	mg/Kg	SOIL DUPLICATE 4	1.3	mg/Kg	0.1	NA	None
15B2 (12-14)	Barium	SW8466010B	44.3	mg/Kg	SOIL DUPLICATE 4	40.3	mg/Kg	NA	9.5	None
15B2 (12-14)	Beryllium	SW8466010B	0.35	mg/Kg	SOIL DUPLICATE 4	0.28	mg/Kg	0.1	NA	None
15B2 (12-14)	Calcium	SW8466010B	1170	mg/Kg	SOIL DUPLICATE 4	1090	mg/Kg	NA	7.1	None
15B2 (12-14)	Chromium	SW8466010B	19.6	mg/Kg	SOIL DUPLICATE 4	16.7	mg/Kg	NA	16.0	None
15B2 (12-14)	Cobalt	SW8466010B	8.80	mg/Kg	SOIL DUPLICATE 4	7.22	mg/Kg	NA	19.7	None
15B2 (12-14)	Copper	SW8466010B	13.9	mg/Kg	SOIL DUPLICATE 4	11.6	mg/Kg	NA	18.0	None
15B2 (12-14)	Iron	SW8466010B	8490	mg/Kg	SOIL DUPLICATE 4	15000	mg/Kg	NA	55.4	J
15B2 (12-14)	Lead	SW8466010B	4.4	mg/Kg	SOIL DUPLICATE 4	2.8	mg/Kg	NA	44.4	None
15B2 (12-14)	Magnesium	SW8466010B	1650	mg/Kg	SOIL DUPLICATE 4	2640	mg/Kg	NA	46.2	None
15B2 (12-14)	Manganese	SW8466010B	237	mg/Kg	SOIL DUPLICATE 4	337	mg/Kg	NA	34.8	None
15B2 (12-14)	Nickel	SW8466010B	14.8	mg/Kg	SOIL DUPLICATE 4	13.2	mg/Kg	NA	11.4	None
15B2 (12-14)	Potassium	SW8466010B	1840	mg/Kg	SOIL DUPLICATE 4	1410	mg/Kg	NA	26.5	None
15B2 (12-14)	Sodium	SW8466010B	341	mg/Kg	SOIL DUPLICATE 4	303	mg/Kg	NA	11.8	None
15B2 (12-14)	Vanadium	SW8466010B	29.3	mg/Kg	SOIL DUPLICATE 4	25.1	mg/Kg	NA	15.4	None
15B2 (12-14)	Zinc	SW8466010B	36.2	mg/Kg	SOIL DUPLICATE 4	30.3	mg/Kg	NA	17.7	None

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

ICP-AES and Mercury:

1. Matrix Spike (MS) was performed on sample 15B19 (0-2) (BV83365) for total metals and mercury. All %Rs were within the laboratory control limits. No qualifications were required.

Sample Duplicate:

ICP-AES and Mercury:

1. Laboratory Duplicate was performed on sample 15B19 (0-2) (BV83365) (total) for ICP-AES, GFAA, and mercury. All RPDs were within the laboratory control limits. No qualifications were required.

ICP-AES Serial Dilution:

1. ICP serial dilution was performed on sample 15B19 (0-2) (BV83365). For all results for which the concentration in the original sample is $\geq 50x$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit ($\%D \pm 10\%$) with the following exception(s):

Element	%D	Sample Affected	Action
Sodium	11.03	15B19 (0-2)	J+

Verification of Instrumental Parameters:

1. The following Forms were present in the data package:
 - 1.1 Method Detection Limits, Form- X.
 - 1.2 ICP-AES Interelement Correction Factors, Form -XIA and Form-XIB.
 - 1.3 ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were $>50\%$. No qualifications were required.
3. Manual calculation:



Sample: 15B19 (0-2) (BV83365)

Lead

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

V= 50ml

W= 0.76g

%Solids =91.0

DF=10.0

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{327.40ug/L \times 50 \times 10.0 \times 1L \times 1000g \times 1mg}{0.76 \times 0.91 \times 1000ml \times 1 \text{ kg} \times 1000ug} = 236.7 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Lead	237	237	0.0

Comments:

1. Trace Metals data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV83365.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV83365.





1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV83365

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.2	23
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,1,2-Trichloroethane		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,1-Dichloroethane		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,1-Dichloroethene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,1-Dichloropropene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,2,4-Trimethylbenzene	0.58	ug/Kg	J	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,2-Dibromoethane		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	100	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,2-Dichloroethane		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,2-Dichloropropane		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,3,5-Trimethylbenzene		ug/Kg	UJ	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	110	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,3-Dichloropropane		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	110	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	1,4-dioxane		ug/Kg	U	46	87
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	2,2-Dichloropropane		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	110	180
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	130	180
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	89	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	250	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	100	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	100	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	2-Chlorotoluene		ug/Kg	U	1.2	5.8



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV83365

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	2-Hexanone		ug/Kg	U	5.8	29
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	2-Isopropyltoluene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	2-Methylnaphthalene		ug/Kg	U	110	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	250	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	230	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	720	360
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	4,4' -DDD		ug/Kg	U	2.2	2.2
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	4,4' -DDE		ug/Kg	U	2.2	2.2
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	4,4' -DDT	7.7	ug/Kg	J	2.2	2.2
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	72	220
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	170	290
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	4-Chlorotoluene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	4-Methyl-2-pentanone		ug/Kg	U	5.8	29
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	120	360
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	160	360
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	a-BHC		ug/Kg	U	7.2	7.2
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	110	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	100	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Acetone		ug/Kg	UJ	5.8	29
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	110	250
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	a-Chlordane		ug/Kg	U	3.6	3.6
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Acrolein		ug/Kg	UJ	2.9	23
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Acrylonitrile		ug/Kg	U	0.58	23
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	Aldrin		ug/Kg	U	3.6	3.6
15B19 (0-2)	BV83365	SW6010	11/14/2016	10	Aluminum	7860	mg/Kg		7.2	36
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Aniline		ug/Kg	U	290	290
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Anthracene	230	ug/Kg	J	120	250
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Antimony		mg/Kg	U	1.8	1.8
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Arsenic	6.59	mg/Kg		0.72	0.72
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Barium	129	mg/Kg		0.36	0.7
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	b-BHC		ug/Kg	U	7.2	7.2



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV83365

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Benz(a)anthracene	910	ug/Kg		120	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Benzene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Benzo(a)pyrene	850	ug/Kg	UJ	210	360
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Benzo(b)fluoranthene	680	ug/Kg		120	180
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Benzo(ghi)perylene	590	ug/Kg		120	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Benzo(k)fluoranthene	670	ug/Kg		120	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	720	1800
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	U	93	250
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Beryllium	0.42	mg/Kg		0.14	0.29
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	99	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	97	180
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Bromobenzene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Bromochloromethane		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Bromodichloromethane		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Bromoform		ug/Kg	UJ	1.2	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Bromomethane		ug/Kg	UJ	2.3	5.8
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Cadmium	0.68	mg/Kg		0.36	0.36
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Calcium	7640	mg/Kg		3.3	3.6
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	140	180
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Carbon Disulfide		ug/Kg	UJ	1.2	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Carbon tetrachloride		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	Chlordane		ug/Kg	U	36	36
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Chlorobenzene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Chloroethane		ug/Kg	UJ	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Chloroform		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Chloromethane		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Chromium	19.3	mg/Kg		0.36	0.36
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Chrysene	970	ug/Kg		120	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Cobalt	7.67	mg/Kg		0.36	0.36
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Copper	80.5	mg/Kg		0.36	0.36
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	d-BHC		ug/Kg	U	7.2	7.2
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Dibenz(a,h)anthracene	140	ug/Kg	J	120	180



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	100	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Dibromochloromethane		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Dibromomethane		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	Dieldrin		ug/Kg	U	3.6	3.6
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	110	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	110	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	96	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	93	250
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	Endosulfan I		ug/Kg	U	7.2	7.2
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	Endosulfan II		ug/Kg	U	7.2	7.2
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	Endosulfan sulfate		ug/Kg	U	7.2	7.2
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	Endrin		ug/Kg	U	7.2	7.2
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	Endrin aldehyde		ug/Kg	U	7.2	7.2
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	Endrin ketone		ug/Kg	U	7.2	7.2
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Ethylbenzene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Fluoranthene	1500	ug/Kg		120	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	120	250
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	g-BHC		ug/Kg	U	1.4	1.4
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	g-Chlordane		ug/Kg	U	3.6	3.6
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	Heptachlor		ug/Kg	U	7.2	7.2
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	Heptachlor epoxide		ug/Kg	U	7.2	7.2
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	100	180
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Hexachlorobutadiene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	130	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	110	180
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene	600	ug/Kg		120	250
15B19 (0-2)	BV83365	SW6010	11/14/2016	10	Iron	20300	mg/Kg		36	36
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	100	180
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Isopropylbenzene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW6010	11/14/2016	10	Lead	237	mg/Kg		3.6	7.2
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	m&p-Xylene		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Magnesium	2070	mg/Kg		3.6	3.6
15B19 (0-2)	BV83365	SW6010	11/14/2016	10	Manganese	345	mg/Kg		3.6	3.6
15B19 (0-2)	BV83365	SW7471	11/14/2016	1	Mercury	1.57	mg/Kg		0.02	0.03
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	Methoxychlor		ug/Kg	U	36	36



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Methyl Ethyl Ketone		ug/Kg	U	5.8	35
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.2	12
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Methylene chloride		ug/Kg	U	5.8	5.8
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Naphthalene		ug/Kg	U	100	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	50	Naphthalene	210	ug/Kg	J	66	330
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	n-Butylbenzene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Nickel	15.7	mg/Kg		0.36	0.36
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	130	180
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	n-Propylbenzene		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	o-Xylene		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8082	11/14/2016	2	PCB-1016		ug/Kg	U	72	72
15B19 (0-2)	BV83365	SW8082	11/14/2016	2	PCB-1221		ug/Kg	U	72	72
15B19 (0-2)	BV83365	SW8082	11/14/2016	2	PCB-1232		ug/Kg	U	72	72
15B19 (0-2)	BV83365	SW8082	11/14/2016	2	PCB-1242		ug/Kg	U	72	72
15B19 (0-2)	BV83365	SW8082	11/14/2016	2	PCB-1248		ug/Kg	U	72	72
15B19 (0-2)	BV83365	SW8082	11/14/2016	2	PCB-1254		ug/Kg	U	72	72
15B19 (0-2)	BV83365	SW8082	11/14/2016	2	PCB-1260		ug/Kg	U	72	72
15B19 (0-2)	BV83365	SW8082	11/14/2016	2	PCB-1262		ug/Kg	U	72	72
15B19 (0-2)	BV83365	SW8082	11/14/2016	2	PCB-1268		ug/Kg	U	72	72
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	130	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	140	220
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Phenanthrene	1100	ug/Kg		100	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Phenol		ug/Kg	U	110	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	p-Isopropyltoluene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Potassium	1120	mg/Kg		2.8	7
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Pyrene	1500	ug/Kg		120	250
15B19 (0-2)	BV83365	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	88	250
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	sec-Butylbenzene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.2	1.4
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.36	0.36
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Sodium	227	mg/Kg	J+	3.1	7
15B19 (0-2)	BV83365	E160.3	11/14/2016	1	SOLIDS, PERCENT	91	%			
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Styrene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Tert-butyl alcohol		ug/Kg	U	23	120



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15B19 (0-2)	BV83365	SW8260	11/14/2016	1	tert-Butylbenzene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Tetrachloroethene		ug/Kg	U	1.2	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.9	12
15B19 (0-2)	BV83365	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.4	1.4
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Toluene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8081	11/14/2016	2	Toxaphene		ug/Kg	U	140	140
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.9	12
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Trichloroethene		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Trichlorofluoromethane		ug/Kg	UJ	1.2	5.8
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW6010	11/14/2016	10	Vanadium	24.8	mg/Kg		3.6	3.6
15B19 (0-2)	BV83365	SW8260	11/14/2016	1	Vinyl chloride		ug/Kg	U	0.58	5.8
15B19 (0-2)	BV83365	SW6010	11/14/2016	10	Zinc	165	mg/Kg		3.6	7.2
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,1-Dichloroethane		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,1-Dichloroethene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,1-Dichloropropene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,2,4-Trimethylbenzene	0.99	ug/Kg	J	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,2-Dibromoethane		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	110	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,2-Dichloroethane		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,2-Dichloropropane		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,3-Dichlorobenzene		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
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	120	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,3-Dichloropropane		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	120	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	1,4-dioxane		ug/Kg	U	40	74
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	2,2-Dichloropropane		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	99	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	280	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	200
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	200
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	110	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	110	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	2-Chlorotoluene		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	2-Hexanone		ug/Kg	U	4.9	25
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	2-Isopropyltoluene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	2-Methylnaphthalene		ug/Kg	U	120	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	280	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	250	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	800	400
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	80	240
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	190	320
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	4-Chlorotoluene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	4-Methyl-2-pentanone		ug/Kg	U	4.9	25
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	130	400
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	180	400
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	120	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	110	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Acetone		ug/Kg	UJ	4.9	25



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	120	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Acrolein		ug/Kg	UJ	2.5	20
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Acrylonitrile		ug/Kg	U	0.49	20
15B19 (12-14)	BV83366	SW6010	11/14/2016	10	Aluminum	4690	mg/Kg		8.3	41
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Aniline		ug/Kg	U	320	320
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Anthracene		ug/Kg	U	130	280
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Antimony		mg/Kg	U	2.1	2.1
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Arsenic	1.19	mg/Kg		0.83	0.83
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Barium	22.6	mg/Kg		0.41	0.8
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Benz(a)anthracene		ug/Kg	U	130	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Benzene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	230	400
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	800	2000
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Beryllium	0.27	mg/Kg	J	0.17	0.33
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Bromobenzene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Bromochloromethane		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Bromodichloromethane		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Bromoform		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Bromomethane		ug/Kg	U	2.0	4.9
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Cadmium		mg/Kg	U	0.41	0.41
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Calcium	909	mg/Kg		3.8	4.1
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	160	200
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Carbon Disulfide		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Carbon tetrachloride		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Chlorobenzene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Chloroethane		ug/Kg	UJ	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Chloroform		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Chloromethane		ug/Kg	U	0.99	4.9



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Chromium	14.1	mg/Kg		0.41	0.41
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Chrysene		ug/Kg	U	130	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Cobalt	4.82	mg/Kg		0.41	0.41
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Copper	7.07	mg/Kg		0.41	0.41
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	120	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Dibromochloromethane		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Dibromomethane		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	130	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	120	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	110	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	100	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Ethylbenzene	4.9	ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Fluoranthene		ug/Kg	U	130	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	130	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	120	200
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Hexachlorobutadiene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	140	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15B19 (12-14)	BV83366	SW6010	11/14/2016	10	Iron	10600	mg/Kg		41	41
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	110	200
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Isopropylbenzene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Lead	1.4	mg/Kg		0.41	0.8
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	m&p-Xylene	4.9	ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Magnesium	1740	mg/Kg		4.1	4.1
15B19 (12-14)	BV83366	SW6010	11/14/2016	10	Manganese	170	mg/Kg		4.1	4.1
15B19 (12-14)	BV83366	SW7471	11/14/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	4.9	30
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.99	9.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Methylene chloride		ug/Kg	U	4.9	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Naphthalene		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Naphthalene		ug/Kg	U	110	280



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	n-Butylbenzene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Nickel	8.75	mg/Kg		0.41	0.41
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	n-Propylbenzene		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	o-Xylene		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	150	240
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Phenanthrene		ug/Kg	U	110	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Phenol		ug/Kg	U	130	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	p-Isopropyltoluene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Potassium	792	mg/Kg		3.2	8
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Pyrene		ug/Kg	U	140	280
15B19 (12-14)	BV83366	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	98	280
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	sec-Butylbenzene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.4	1.7
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.41	0.41
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Sodium	148	mg/Kg		3.5	8
15B19 (12-14)	BV83366	E160.3	11/14/2016	1	SOLIDS, PERCENT	83	%			
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Styrene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Tert-butyl alcohol		ug/Kg	U	20	99
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	tert-Butylbenzene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Tetrachloroethene		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Tetrahydrofuran (THF)		ug/Kg	UJ	2.5	9.9
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.7	1.7
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Toluene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	9.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Trichloroethene		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Trichlorofluoromethane		ug/Kg	U	0.99	4.9
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Vanadium	16.2	mg/Kg		0.41	0.41
15B19 (12-14)	BV83366	SW8260	11/14/2016	1	Vinyl chloride		ug/Kg	U	0.49	4.9
15B19 (12-14)	BV83366	SW6010	11/14/2016	1	Zinc	18.7	mg/Kg		0.41	0.8



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,1,1,2-Tetrachloroethane		ug/Kg	U	1600	31000
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,1,1-Trichloroethane		ug/Kg	U	780	780
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,1,2,2-Tetrachloroethane		ug/Kg	U	1600	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,1,2-Trichloroethane		ug/Kg	U	1600	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,1-Dichloroethane		ug/Kg	U	1600	1600
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,1-Dichloroethene		ug/Kg	U	780	780
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,1-Dichloropropene		ug/Kg	U	780	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,2,3-Trichlorobenzene		ug/Kg	U	1600	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,2,3-Trichloropropane		ug/Kg	U	780	7800
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	1,2,4,5-Tetrachlorobenzene		ug/Kg	UJ	1400	2900
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,2,4-Trichlorobenzene		ug/Kg	U	1600	7800
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	1,2,4-Trichlorobenzene		ug/Kg	UJ	1200	2900
15B19 (18-20)	BV83367	SW8260	11/14/2016	20000	1,2,4-Trimethylbenzene	910000	ug/Kg		16000	16000
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,2-Dibromo-3-chloropropane		ug/Kg	U	1600	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,2-Dibromoethane		ug/Kg	U	780	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,2-Dichlorobenzene		ug/Kg	U	780	1100
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	1,2-Dichlorobenzene		ug/Kg	UJ	1200	2900
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,2-Dichloroethane		ug/Kg	U	780	780
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,2-Dichloropropane		ug/Kg	U	1600	7800
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	1,2-Diphenylhydrazine		ug/Kg	U	1300	2900
15B19 (18-20)	BV83367	SW8260	11/14/2016	20000	1,3,5-Trimethylbenzene	320000	ug/Kg		16000	16000
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,3-Dichlorobenzene		ug/Kg	U	780	2400
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	1,3-Dichlorobenzene		ug/Kg	UJ	1200	2900
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,3-Dichloropropane		ug/Kg	U	1600	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,4-Dichlorobenzene		ug/Kg	U	780	1800
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	1,4-Dichlorobenzene		ug/Kg	UJ	1200	2900
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	1,4-dioxane		ug/Kg	U	63000	63000
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	2,2-Dichloropropane		ug/Kg	U	780	7800
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	2,4,5-Trichlorophenol		ug/Kg	U	2200	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	2,4,6-Trichlorophenol		ug/Kg	U	1300	2000
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	2,4-Dichlorophenol		ug/Kg	UJ	1400	2000
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	2,4-Dimethylphenol		ug/Kg	UJ	1000	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	2,4-Dinitrophenol		ug/Kg	U	2900	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	2,4-Dinitrotoluene		ug/Kg	U	1600	2000
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	2,6-Dinitrotoluene		ug/Kg	U	1300	2000
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	2-Chloronaphthalene		ug/Kg	U	1200	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	2-Chlorophenol		ug/Kg	UJ	1200	2900



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	2-Chlorotoluene		ug/Kg	U	1600	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	2-Hexanone		ug/Kg	U	7800	39000
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	2-Isopropyltoluene	1400	ug/Kg	J	780	7800
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	2-Methylnaphthalene	11000	ug/Kg	J	1200	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	2-Methylphenol (o-cresol)		ug/Kg	UJ	1900	1900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	2-Nitroaniline		ug/Kg	U	2900	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	2-Nitrophenol		ug/Kg	UJ	2600	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	3&4-Methylphenol (m&p-cresol)		ug/Kg	UJ	1600	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	3,3'-Dichlorobenzidine		ug/Kg	U	1900	2000
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	3-Nitroaniline		ug/Kg	U	8200	4100
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	4,6-Dinitro-2-methylphenol		ug/Kg	U	820	2500
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	4-Bromophenyl phenyl ether		ug/Kg	U	1200	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	4-Chloro-3-methylphenol		ug/Kg	UJ	1400	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	4-Chloroaniline		ug/Kg	UJ	1900	3300
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	4-Chlorophenyl phenyl ether		ug/Kg	U	1400	2900
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	4-Chlorotoluene		ug/Kg	U	780	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	4-Methyl-2-pentanone		ug/Kg	U	7800	39000
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	4-Nitroaniline		ug/Kg	U	1400	4100
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	4-Nitrophenol		ug/Kg	U	1800	4100
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Acenaphthene		ug/Kg	U	1200	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Acenaphthylene		ug/Kg	U	1100	2900
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Acetone		ug/Kg	UJ	7800	7800
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Acetophenone		ug/Kg	UJ	1300	2900
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Acrolein		ug/Kg	UJ	3900	31000
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Acrylonitrile		ug/Kg	U	1600	16000
15B19 (18-20)	BV83367	SW6010	11/14/2016	10	Aluminum	6590	mg/Kg		8.2	41
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Aniline		ug/Kg	UJ	3300	3300
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Anthracene		ug/Kg	U	1300	2900
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Antimony		mg/Kg	U	2.1	2.1
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Arsenic	1.38	mg/Kg		0.82	0.82
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Barium	37.0	mg/Kg		0.41	0.8
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Benz(a)anthracene		ug/Kg	U	1400	1400
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Benzene		ug/Kg	U	780	780
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Benzidine		ug/Kg	U	2400	4100
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Benzo(a)pyrene		ug/Kg	U	1300	1300
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Benzo(b)fluoranthene		ug/Kg	U	1400	1400
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Benzo(ghi)perylene		ug/Kg	U	1300	2900



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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
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Benzo(k)fluoranthene		ug/Kg	U	1400	1400
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Benzoic acid		ug/Kg	UJ	8200	20000
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Benzyl butyl phthalate		ug/Kg	U	1100	2900
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Beryllium	0.26	mg/Kg	J	0.16	0.33
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Bis(2-chloroethoxy)methane		ug/Kg	UJ	1100	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Bis(2-chloroethyl)ether		ug/Kg	UJ	1100	2000
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Bis(2-chloroisopropyl)ether		ug/Kg	UJ	1100	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Bis(2-ethylhexyl)phthalate		ug/Kg	U	1200	2900
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Bromobenzene		ug/Kg	U	780	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Bromochloromethane		ug/Kg	U	780	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Bromodichloromethane		ug/Kg	U	1600	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Bromoform		ug/Kg	UJ	1600	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Bromomethane		ug/Kg	U	3100	7800
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Cadmium		mg/Kg	U	0.41	0.41
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Calcium	1220	mg/Kg		3.8	4.1
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Carbazole		ug/Kg	U	1600	2000
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Carbon Disulfide		ug/Kg	U	1600	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Carbon tetrachloride		ug/Kg	U	1600	1600
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Chlorobenzene		ug/Kg	U	780	1100
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Chloroethane		ug/Kg	UJ	780	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Chloroform		ug/Kg	U	780	780
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Chloromethane		ug/Kg	U	1600	7800
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Chromium	16.1	mg/Kg		0.41	0.41
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Chrysene		ug/Kg	U	1400	1400
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	cis-1,2-Dichloroethene		ug/Kg	U	780	780
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	cis-1,3-Dichloropropene		ug/Kg	U	780	7800
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Cobalt	7.43	mg/Kg		0.41	0.41
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Copper	12.4	mg/Kg		0.41	0.41
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Dibenz(a,h)anthracene		ug/Kg	U	1300	1300
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Dibenzofuran		ug/Kg	U	1200	2900
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Dibromochloromethane		ug/Kg	U	1600	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Dibromomethane		ug/Kg	U	1600	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Dichlorodifluoromethane		ug/Kg	U	780	7800
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Diethyl phthalate		ug/Kg	U	1300	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Dimethylphthalate		ug/Kg	U	1300	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Di-n-butylphthalate		ug/Kg	U	1100	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Di-n-octylphthalate		ug/Kg	U	1100	2900



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Ethylbenzene	190000	ug/Kg		780	1000
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Fluoranthene		ug/Kg	U	1300	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Fluorene		ug/Kg	U	1300	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Hexachlorobenzene		ug/Kg	U	1200	2000
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Hexachlorobutadiene		ug/Kg	U	780	7800
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Hexachlorobutadiene		ug/Kg	UJ	1500	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Hexachlorocyclopentadiene		ug/Kg	UJ	1300	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Hexachloroethane		ug/Kg	UJ	1200	2000
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Indeno(1,2,3-cd)pyrene		ug/Kg	U	1400	1400
15B19 (18-20)	BV83367	SW6010	11/14/2016	10	Iron	15000	mg/Kg		41	41
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Isophorone		ug/Kg	UJ	1100	2000
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Isopropylbenzene	42000	ug/Kg		780	7800
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Lead	8.2	mg/Kg		0.41	0.8
15B19 (18-20)	BV83367	SW8260	11/14/2016	20000	m&p-Xylene	720000	ug/Kg		31000	160000
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Magnesium	2830	mg/Kg		4.1	4.1
15B19 (18-20)	BV83367	SW6010	11/14/2016	10	Manganese	327	mg/Kg		4.1	4.1
15B19 (18-20)	BV83367	SW7471	11/14/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Methyl Ethyl Ketone		ug/Kg	UJ	7800	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Methyl t-butyl ether (MTBE)		ug/Kg	U	1600	1600
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Methylene chloride		ug/Kg	U	7800	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Naphthalene	89000	ug/Kg		1600	7800
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Naphthalene	17000	ug/Kg	J	1200	2900
15B19 (18-20)	BV83367	SW8260	11/14/2016	20000	n-Butylbenzene	70000	ug/Kg		16000	16000
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Nickel	13.5	mg/Kg		0.41	0.41
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Nitrobenzene		ug/Kg	UJ	1400	2000
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	N-Nitrosodimethylamine		ug/Kg	U	1200	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	N-Nitrosodi-n-propylamine		ug/Kg	UJ	1300	2000
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	N-Nitrosodiphenylamine		ug/Kg	UJ	1600	2900
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	n-Propylbenzene	140000	ug/Kg		1600	3900
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	o-Xylene	260000	ug/Kg		1600	7800
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Pentachloronitrobenzene		ug/Kg	U	1500	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Pentachlorophenol		ug/Kg	U	1500	1500
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Phenanthrene		ug/Kg	U	1200	2900
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Phenol		ug/Kg	UJ	1300	1300
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	p-Isopropyltoluene	13000	ug/Kg		780	7800
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Potassium	1530	mg/Kg		3.2	8
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Pyrene		ug/Kg	U	1400	2900



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (18-20)	BV83367	SW8270	11/14/2016	10	Pyridine		ug/Kg	UJ	1000	2900
15B19 (18-20)	BV83367	SW8260	11/14/2016	20000	sec-Butylbenzene	23000	ug/Kg		16000	16000
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.4	1.6
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.41	0.41
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Sodium	157	mg/Kg		3.5	8
15B19 (18-20)	BV83367	E160.3	11/14/2016	1	SOLIDS, PERCENT	81	%			
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Styrene		ug/Kg	U	780	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Tert-butyl alcohol		ug/Kg	U	31000	160000
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	tert-Butylbenzene	990	ug/Kg	J	780	5900
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Tetrachloroethene	22000	ug/Kg		1600	1600
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Tetrahydrofuran (THF)		ug/Kg	UJ	3900	16000
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.6	1.6
15B19 (18-20)	BV83367	SW8260	11/14/2016	20000	Toluene	20000	ug/Kg		16000	16000
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	trans-1,2-Dichloroethene		ug/Kg	U	780	780
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	trans-1,3-Dichloropropene		ug/Kg	U	780	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	trans-1,4-dichloro-2-butene		ug/Kg	U	3900	16000
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Trichloroethene		ug/Kg	U	780	780
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Trichlorofluoromethane		ug/Kg	U	1600	7800
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Trichlorotrifluoroethane		ug/Kg	U	780	7800
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Vanadium	24.1	mg/Kg		0.41	0.41
15B19 (18-20)	BV83367	SW8260	11/14/2016	1000	Vinyl chloride		ug/Kg	U	780	780
15B19 (18-20)	BV83367	SW6010	11/14/2016	1	Zinc	30.0	mg/Kg		0.41	0.8
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.6	32
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,1,2-Trichloroethane		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,1-Dichloroethane		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,1-Dichloroethene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,1-Dichloropropene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	50	1,2,4-Trimethylbenzene	1400	ug/Kg		46	460
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,2-Dibromoethane		ug/Kg	U	0.79	7.9



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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
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	120	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,2-Dichloroethane		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,2-Dichloropropane		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	50	1,3,5-Trimethylbenzene	490	ug/Kg		46	460
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	120	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,3-Dichloropropane		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	120	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	1,4-dioxane		ug/Kg	U	63	100
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	2,2-Dichloropropane		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	230	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	210
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	210
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	100	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	290	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	210
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	210
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	120	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	120	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	2-Chlorotoluene		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	2-Hexanone		ug/Kg	U	7.9	40
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	2-Isopropyltoluene	1.4	ug/Kg	J	0.79	7.9
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	2-Methylnaphthalene		ug/Kg	U	120	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	290	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	260	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	210
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	820	410
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	82	250
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	190	330
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	140	290



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DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	4-Chlorotoluene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	4-Methyl-2-pentanone		ug/Kg	U	7.9	40
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	140	410
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	190	410
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	130	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	120	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Acetone		ug/Kg	UJ	7.9	40
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	130	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Acrolein		ug/Kg	UJ	4.0	32
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Acrylonitrile		ug/Kg	U	0.79	32
15B19 (20-25)	BV83368	SW6010	11/14/2016	10	Aluminum	4810	mg/Kg		7.9	40
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Aniline		ug/Kg	U	330	330
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Anthracene		ug/Kg	U	130	290
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Antimony		mg/Kg	U	2.0	2.0
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Arsenic	1.28	mg/Kg		0.79	0.79
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Barium	24.3	mg/Kg		0.40	0.8
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Benz(a)anthracene		ug/Kg	U	140	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Benzene	3.0	ug/Kg	J	0.79	7.9
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	240	410
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Benzo(a)pyrene		ug/Kg	U	130	210
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Benzo(k)fluoranthene		ug/Kg	U	140	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	820	2100
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	U	110	290
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Beryllium	0.21	mg/Kg	J	0.16	0.32
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	210
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Bromobenzene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Bromochloromethane		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Bromodichloromethane		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Bromoform		ug/Kg	UJ	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Bromomethane		ug/Kg	U	3.2	7.9
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Cadmium		mg/Kg	U	0.40	0.40
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Calcium	1190	mg/Kg		3.6	4.0



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	160	210
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Carbon Disulfide		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Carbon tetrachloride		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Chlorobenzene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Chloroethane		ug/Kg	UJ	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Chloroform		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Chloromethane		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Chromium	13.6	mg/Kg		0.40	0.40
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Chrysene		ug/Kg	U	140	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Cobalt	5.56	mg/Kg		0.40	0.40
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Copper	9.46	mg/Kg		0.40	0.40
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	210
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	120	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Dibromochloromethane		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Dibromomethane		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	130	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	130	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	110	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	110	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	50	Ethylbenzene	410	ug/Kg		46	400
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Fluoranthene		ug/Kg	U	130	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	140	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	120	210
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Hexachlorobutadiene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	150	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	130	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	120	210
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	140	290
15B19 (20-25)	BV83368	SW6010	11/14/2016	10	Iron	12500	mg/Kg		40	40
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	120	210
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Isopropylbenzene	15	ug/Kg		0.79	7.9
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Lead	2.3	mg/Kg		0.40	0.8
15B19 (20-25)	BV83368	SW8260	11/14/2016	50	m&p-Xylene	2000	ug/Kg		91	460
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Magnesium	2030	mg/Kg		4.0	4.0



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (20-25)	BV83368	SW6010	11/14/2016	10	Manganese	203	mg/Kg		4.0	4.0
15B19 (20-25)	BV83368	SW7471	11/14/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Methyl Ethyl Ketone		ug/Kg	U	7.9	47
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.6	16
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Methylene chloride		ug/Kg	U	7.9	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Naphthalene	250	ug/Kg		1.6	7.9
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Naphthalene		ug/Kg	U	120	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	n-Butylbenzene	19	ug/Kg		0.79	7.9
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Nickel	10.2	mg/Kg		0.40	0.40
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	140	210
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	120	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	210
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	160	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	n-Propylbenzene	48	ug/Kg		1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	50	o-Xylene	640	ug/Kg		91	460
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	160	250
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Phenanthrene		ug/Kg	U	120	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Phenol		ug/Kg	U	130	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	p-Isopropyltoluene	5.4	ug/Kg	J	0.79	7.9
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Potassium	992	mg/Kg		3.1	8
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Pyrene		ug/Kg	U	140	290
15B19 (20-25)	BV83368	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	100	290
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	sec-Butylbenzene	9.6	ug/Kg		0.79	7.9
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.3	1.6
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.40	0.40
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Sodium	150	mg/Kg		3.4	8
15B19 (20-25)	BV83368	E160.3	11/14/2016	1	SOLIDS, PERCENT	79	%			
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Styrene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Tert-butyl alcohol		ug/Kg	U	32	160
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	tert-Butylbenzene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Tetrachloroethene	3.0	ug/Kg	J	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	4.0	16
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.6	1.6
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Toluene	26	ug/Kg		0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.79	7.9



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	4.0	16
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Trichloroethene		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Trichlorofluoromethane		ug/Kg	U	1.6	7.9
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Vanadium	19.8	mg/Kg		0.40	0.40
15B19 (20-25)	BV83368	SW8260	11/14/2016	1	Vinyl chloride		ug/Kg	U	0.79	7.9
15B19 (20-25)	BV83368	SW6010	11/14/2016	1	Zinc	21.5	mg/Kg		0.40	0.8
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.88	18
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,1-Dichloroethane		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,1-Dichloroethene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,1-Dichloropropene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,2,4-Trimethylbenzene	1.6	ug/Kg	J	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,2-Dibromoethane		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	110	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,2-Dichloroethane		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,2-Dichloropropane		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,3,5-Trimethylbenzene	0.66	ug/Kg	J	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	120	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,3-Dichloropropane		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	120	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	1,4-dioxane		ug/Kg	U	35	66
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	2,2-Dichloropropane		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	210	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	97	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	270	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	150	200
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	200
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	110	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	110	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	2-Chlorotoluene		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	2-Hexanone		ug/Kg	U	4.4	22
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	2-Isopropyltoluene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	2-Methylnaphthalene		ug/Kg	U	120	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	270	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	250	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	200
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	780	390
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	4,4' -DDD		ug/Kg	U	2.3	2.3
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	4,4' -DDE		ug/Kg	U	2.3	2.3
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	4,4' -DDT		ug/Kg	U	2.3	2.3
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	78	230
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	180	310
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	4-Chlorotoluene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	4-Methyl-2-pentanone		ug/Kg	U	4.4	22
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	130	390
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	180	390
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	a-BHC		ug/Kg	U	7.8	7.8
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	120	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	110	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Acetone		ug/Kg	UJ	4.4	22
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	120	270
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	a-Chlordane		ug/Kg	U	3.9	3.9
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Acrolein		ug/Kg	UJ	2.2	18
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Acrylonitrile		ug/Kg	U	0.44	18



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	Aldrin		ug/Kg	U	3.9	3.9
15B4 (12-14)	BV83369	SW6010	11/14/2016	10	Aluminum	5130	mg/Kg		7.9	40
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Aniline		ug/Kg	U	310	310
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Anthracene		ug/Kg	U	130	270
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Antimony		mg/Kg	U	2.0	2.0
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Arsenic	1.17	mg/Kg		0.79	0.79
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Barium	36.2	mg/Kg		0.40	0.8
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	b-BHC		ug/Kg	U	7.8	7.8
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Benz(a)anthracene		ug/Kg	U	130	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Benzene	1.5	ug/Kg	J	0.44	4.4
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	230	390
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Benzo(b)fluoranthene		ug/Kg	U	130	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	780	2000
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	270
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Beryllium	0.22	mg/Kg	J	0.16	0.32
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Bromobenzene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Bromochloromethane		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Bromodichloromethane		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Bromoform		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Bromomethane		ug/Kg	U	1.8	4.4
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Cadmium		mg/Kg	U	0.40	0.40
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Calcium	1660	mg/Kg		3.7	4.0
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	160	200
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Carbon Disulfide		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Carbon tetrachloride		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	Chlordane		ug/Kg	U	39	39
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Chlorobenzene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Chloroethane		ug/Kg	UJ	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Chloroform		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Chloromethane		ug/Kg	U	0.88	4.4



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Chromium	13.9	mg/Kg		0.40	0.40
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Chrysene		ug/Kg	U	130	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Cobalt	6.37	mg/Kg		0.40	0.40
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Copper	9.87	mg/Kg		0.40	0.40
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	d-BHC		ug/Kg	U	7.8	7.8
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	110	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Dibromochloromethane		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Dibromomethane		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	Dieldrin		ug/Kg	U	3.9	3.9
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	120	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	120	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	100	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	100	270
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	Endosulfan I		ug/Kg	U	7.8	7.8
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	Endosulfan II		ug/Kg	U	7.8	7.8
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	Endosulfan sulfate		ug/Kg	U	7.8	7.8
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	Endrin		ug/Kg	U	7.8	7.8
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	Endrin aldehyde		ug/Kg	U	7.8	7.8
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	Endrin ketone		ug/Kg	U	7.8	7.8
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Ethylbenzene	5.3	ug/Kg		0.44	4.4
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Fluoranthene		ug/Kg	U	130	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	130	270
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	g-BHC		ug/Kg	U	1.6	1.6
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	g-Chlordane		ug/Kg	U	3.9	3.9
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	Heptachlor		ug/Kg	U	7.8	7.8
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	Heptachlor epoxide		ug/Kg	U	7.8	7.8
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	110	200
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Hexachlorobutadiene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	140	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	270
15B4 (12-14)	BV83369	SW6010	11/14/2016	10	Iron	13100	mg/Kg		40	40



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	110	200
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Isopropylbenzene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Lead	1.5	mg/Kg		0.40	0.8
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	m&p-Xylene	11	ug/Kg		0.88	4.4
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Magnesium	2250	mg/Kg		4.0	4.0
15B4 (12-14)	BV83369	SW6010	11/14/2016	10	Manganese	356	mg/Kg		4.0	4.0
15B4 (12-14)	BV83369	SW7471	11/14/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	Methoxychlor		ug/Kg	U	39	39
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	4.4	26
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.88	8.8
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Methylene chloride		ug/Kg	U	4.4	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Naphthalene		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Naphthalene		ug/Kg	U	110	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	n-Butylbenzene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Nickel	11.0	mg/Kg		0.40	0.40
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	n-Propylbenzene		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	o-Xylene	2.0	ug/Kg	J	0.88	4.4
15B4 (12-14)	BV83369	SW8082	11/14/2016	2	PCB-1016		ug/Kg	U	78	78
15B4 (12-14)	BV83369	SW8082	11/14/2016	2	PCB-1221		ug/Kg	U	78	78
15B4 (12-14)	BV83369	SW8082	11/14/2016	2	PCB-1232		ug/Kg	U	78	78
15B4 (12-14)	BV83369	SW8082	11/14/2016	2	PCB-1242		ug/Kg	U	78	78
15B4 (12-14)	BV83369	SW8082	11/14/2016	2	PCB-1248		ug/Kg	U	78	78
15B4 (12-14)	BV83369	SW8082	11/14/2016	2	PCB-1254		ug/Kg	U	78	78
15B4 (12-14)	BV83369	SW8082	11/14/2016	2	PCB-1260		ug/Kg	U	78	78
15B4 (12-14)	BV83369	SW8082	11/14/2016	2	PCB-1262		ug/Kg	U	78	78
15B4 (12-14)	BV83369	SW8082	11/14/2016	2	PCB-1268		ug/Kg	U	78	78
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	150	230
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Phenanthrene		ug/Kg	U	110	270
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Phenol		ug/Kg	U	130	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	p-Isopropyltoluene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Potassium	1280	mg/Kg		3.1	8
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Pyrene		ug/Kg	U	130	270



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B4 (12-14)	BV83369	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	96	270
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	sec-Butylbenzene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.3	1.6
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.40	0.40
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Sodium	202	mg/Kg		3.4	8
15B4 (12-14)	BV83369	E160.3	11/14/2016	1	SOLIDS, PERCENT	84	%			
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Styrene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Tert-butyl alcohol		ug/Kg	U	18	88
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	tert-Butylbenzene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Tetrachloroethene		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Tetrahydrofuran (THF)		ug/Kg	UJ	2.2	8.8
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.6	1.6
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Toluene	3.3	ug/Kg	J	0.44	4.4
15B4 (12-14)	BV83369	SW8081	11/14/2016	2	Toxaphene		ug/Kg	U	160	160
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.2	8.8
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Trichloroethene		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Trichlorofluoromethane		ug/Kg	U	0.88	4.4
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Vanadium	21.5	mg/Kg		0.40	0.40
15B4 (12-14)	BV83369	SW8260	11/14/2016	1	Vinyl chloride		ug/Kg	U	0.44	4.4
15B4 (12-14)	BV83369	SW6010	11/14/2016	1	Zinc	25.6	mg/Kg		0.40	0.8
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.67	13
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,1-Dichloroethane		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,1-Dichloroethene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,1-Dichloropropene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	150	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	130	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,2,4-Trimethylbenzene	9.6	ug/Kg		0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.67	3.4



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,2-Dibromoethane		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	120	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,2-Dichloroethane		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,2-Dichloropropane		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	140	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,3,5-Trimethylbenzene	4.3	ug/Kg		0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	120	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,3-Dichloropropane		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	120	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	1,4-dioxane		ug/Kg	U	27	50
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	2,2-Dichloropropane		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	230	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	210
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	150	210
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	100	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	290	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	170	210
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	210
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	120	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	120	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	2-Chlorotoluene		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	2-Hexanone		ug/Kg	U	3.4	17
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	2-Isopropyltoluene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	2-Methylnaphthalene		ug/Kg	U	120	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	200	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	290	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	270	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	170	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	200	210
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	840	420
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	84	250
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	150	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	200	340



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	140	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	4-Chlorotoluene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	4-Methyl-2-pentanone		ug/Kg	U	3.4	17
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	140	420
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	190	420
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	130	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	120	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Acetone		ug/Kg	UJ	3.4	17
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	130	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Acrolein		ug/Kg	UJ	1.7	13
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Acrylonitrile		ug/Kg	U	0.34	13
15B4 (15-17)	BV83370	SW6010	11/14/2016	10	Aluminum	7580	mg/Kg		8.4	42
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Aniline		ug/Kg	U	340	340
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Anthracene		ug/Kg	U	140	290
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Antimony		mg/Kg	U	2.1	2.1
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Arsenic	1.33	mg/Kg		0.84	0.84
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Barium	42.3	mg/Kg		0.42	0.8
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Benz(a)anthracene		ug/Kg	U	140	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	50	Benzene	100	ug/Kg		41	60
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	250	420
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Benzo(a)pyrene		ug/Kg	U	140	210
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Benzo(ghi)perylene		ug/Kg	U	140	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Benzo(k)fluoranthene		ug/Kg	U	140	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	840	2100
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	U	110	290
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Beryllium	0.32	mg/Kg	J	0.17	0.34
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	120	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	210
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	120	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Bromobenzene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Bromochloromethane		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Bromodichloromethane		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Bromoform		ug/Kg	UJ	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Bromomethane		ug/Kg	U	1.3	3.4
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Cadmium		mg/Kg	U	0.42	0.42



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Calcium	1300	mg/Kg		3.9	4.2
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	170	210
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Carbon Disulfide		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Carbon tetrachloride		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Chlorobenzene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Chloroethane		ug/Kg	UJ	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Chloroform		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Chloromethane		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Chromium	18.6	mg/Kg		0.42	0.42
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Chrysene		ug/Kg	U	140	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Cobalt	7.98	mg/Kg		0.42	0.42
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Copper	12.0	mg/Kg		0.42	0.42
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	140	210
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	120	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Dibromochloromethane		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Dibromomethane		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	130	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	130	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	110	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	110	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Ethylbenzene	12	ug/Kg		0.34	3.4
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Fluoranthene		ug/Kg	U	140	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	140	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	120	210
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Hexachlorobutadiene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	150	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	130	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	130	210
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	140	290
15B4 (15-17)	BV83370	SW6010	11/14/2016	10	Iron	16400	mg/Kg		42	42
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	120	210
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Isopropylbenzene	3.6	ug/Kg		0.34	3.4
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Lead	1.9	mg/Kg		0.42	0.8
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	m&p-Xylene	57	ug/Kg		0.67	3.4



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Magnesium	3290	mg/Kg		4.2	4.2
15B4 (15-17)	BV83370	SW6010	11/14/2016	10	Manganese	441	mg/Kg		4.2	4.2
15B4 (15-17)	BV83370	SW7471	11/14/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	3.4	20
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.67	6.7
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Methylene chloride		ug/Kg	U	3.4	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Naphthalene	30	ug/Kg		0.67	3.4
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Naphthalene		ug/Kg	U	120	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	n-Butylbenzene	1.4	ug/Kg	J	0.34	3.4
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Nickel	13.8	mg/Kg		0.42	0.42
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	150	210
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	120	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	140	210
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	160	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	n-Propylbenzene	3.1	ug/Kg	J	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	o-Xylene	17	ug/Kg		0.67	3.4
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	160	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	160	250
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Phenanthrene		ug/Kg	U	120	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Phenol		ug/Kg	U	130	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	p-Isopropyltoluene	0.47	ug/Kg	J	0.34	3.4
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Potassium	1700	mg/Kg		3.3	8
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Pyrene		ug/Kg	U	140	290
15B4 (15-17)	BV83370	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	100	290
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	sec-Butylbenzene	1.0	ug/Kg	J	0.34	3.4
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.4	1.7
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.42	0.42
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Sodium	323	mg/Kg		3.6	8
15B4 (15-17)	BV83370	E160.3	11/14/2016	1	SOLIDS, PERCENT	79	%			
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Styrene	0.38	ug/Kg	J	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Tert-butyl alcohol		ug/Kg	U	13	67
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	tert-Butylbenzene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Tetrachloroethene		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Tetrahydrofuran (THF)		ug/Kg	UJ	1.7	6.7
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.7	1.7
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Toluene	21	ug/Kg		0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	trans-1,2-Dichloroethene	0.57	ug/Kg	J	0.34	3.4



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15B4 (15-17)	BV83370	SW8260	11/14/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	1.7	6.7
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Trichloroethene		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Trichlorofluoromethane		ug/Kg	U	0.67	3.4
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Vanadium	27.0	mg/Kg		0.42	0.42
15B4 (15-17)	BV83370	SW8260	11/14/2016	1	Vinyl chloride		ug/Kg	U	0.34	3.4
15B4 (15-17)	BV83370	SW6010	11/14/2016	1	Zinc	35.0	mg/Kg		0.42	0.8
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.93	19
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,1-Dichloroethane		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,1-Dichloroethene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,1-Dichloropropene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,2,4-Trimethylbenzene	2.9	ug/Kg	J	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,2-Dibromoethane		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	110	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,2-Dichloroethane		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,2-Dichloropropane		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,3,5-Trimethylbenzene	1.3	ug/Kg	J	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	120	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,3-Dichloropropane		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	120	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	1,4-dioxane		ug/Kg	U	37	70
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	2,2-Dichloropropane		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	98	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	280	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	200
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	200
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	110	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	110	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	2-Chlorotoluene		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	2-Hexanone		ug/Kg	U	4.6	23
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	2-Isopropyltoluene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	2-Methylnaphthalene		ug/Kg	U	120	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	280	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	250	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	790	390
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	79	240
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	180	320
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	4-Chlorotoluene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	4-Methyl-2-pentanone		ug/Kg	U	4.6	23
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	130	390
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	180	390
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	120	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	110	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Acetone		ug/Kg	UJ	4.6	23
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	120	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Acrolein		ug/Kg	UJ	2.3	19
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Acrylonitrile		ug/Kg	U	0.46	19
15B4 (18-20)	BV83371	SW6010	11/14/2016	10	Aluminum	4020	mg/Kg		7.7	39
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Aniline		ug/Kg	U	320	320
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Anthracene		ug/Kg	U	130	280
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Antimony		mg/Kg	U	1.9	1.9



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Arsenic	1.33	mg/Kg		0.77	0.77
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Barium	24.1	mg/Kg		0.39	0.8
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Benzo(a)anthracene		ug/Kg	U	130	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Benzene	0.62	ug/Kg	J	0.46	4.6
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	230	390
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Benzo(b)fluoranthene		ug/Kg	U	130	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	790	2000
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Beryllium	0.19	mg/Kg	J	0.15	0.31
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Bromobenzene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Bromochloromethane		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Bromodichloromethane		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Bromoform		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Bromomethane		ug/Kg	U	1.9	4.6
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Cadmium		mg/Kg	U	0.39	0.39
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Calcium	819	mg/Kg		3.6	3.9
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	160	200
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Carbon Disulfide		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Carbon tetrachloride		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Chlorobenzene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Chloroethane		ug/Kg	UJ	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Chloroform		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Chloromethane		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Chromium	8.39	mg/Kg		0.39	0.39
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Chrysene		ug/Kg	U	130	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Cobalt	4.48	mg/Kg		0.39	0.39
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Copper	7.52	mg/Kg		0.39	0.39
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	120	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Dibromochloromethane		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Dibromomethane		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	120	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	120	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	100	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	100	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Ethylbenzene	4.6	ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Fluoranthene		ug/Kg	U	130	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	130	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	120	200
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Hexachlorobutadiene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	140	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15B4 (18-20)	BV83371	SW6010	11/14/2016	10	Iron	9700	mg/Kg		39	39
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	110	200
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Isopropylbenzene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Lead	1.5	mg/Kg		0.39	0.8
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	m&p-Xylene	4.6	ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Magnesium	1450	mg/Kg		3.9	3.9
15B4 (18-20)	BV83371	SW6010	11/14/2016	10	Manganese	156	mg/Kg		3.9	3.9
15B4 (18-20)	BV83371	SW7471	11/14/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	4.6	28
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.93	9.3
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Methylene chloride		ug/Kg	U	4.6	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Naphthalene		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Naphthalene		ug/Kg	U	110	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	n-Butylbenzene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Nickel	8.09	mg/Kg		0.39	0.39
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	n-Propylbenzene		ug/Kg	U	0.93	4.6



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	o-Xylene		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	150	240
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Phenanthrene		ug/Kg	U	110	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Phenol		ug/Kg	U	130	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	p-Isopropyltoluene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Potassium	490	mg/Kg		3.0	8
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Pyrene		ug/Kg	U	140	280
15B4 (18-20)	BV83371	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	97	280
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	sec-Butylbenzene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.3	1.5
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.39	0.39
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Sodium	123	mg/Kg		3.3	8
15B4 (18-20)	BV83371	E160.3	11/14/2016	1	SOLIDS, PERCENT	83	%			
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Styrene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Tert-butyl alcohol		ug/Kg	U	19	93
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	tert-Butylbenzene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Tetrachloroethene		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Tetrahydrofuran (THF)		ug/Kg	UJ	2.3	9.3
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.5	1.5
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Toluene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.3	9.3
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Trichloroethene		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Trichlorofluoromethane		ug/Kg	U	0.93	4.6
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Vanadium	14.7	mg/Kg		0.39	0.39
15B4 (18-20)	BV83371	SW8260	11/14/2016	1	Vinyl chloride		ug/Kg	U	0.46	4.6
15B4 (18-20)	BV83371	SW6010	11/14/2016	1	Zinc	15.5	mg/Kg		0.39	0.8
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.1	22
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,1,2-Trichloroethane		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,1-Dichloroethane		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,1-Dichloroethene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,1-Dichloropropene		ug/Kg	U	0.54	5.4



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,2,4-Trimethylbenzene	1.5	ug/Kg	J	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,2-Dibromoethane		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	110	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,2-Dichloroethane		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,2-Dichloropropane		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,3,5-Trimethylbenzene	0.67	ug/Kg	J	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	110	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,3-Dichloropropane		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	110	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	1,4-dioxane		ug/Kg	U	43	81
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	2,2-Dichloropropane		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	210	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	190
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	96	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	270	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	110	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	110	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	2-Chlorotoluene		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	2-Hexanone		ug/Kg	U	5.4	27
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	2-Isopropyltoluene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	2-Methylnaphthalene		ug/Kg	U	120	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	270	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	250	270



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	190
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	770	390
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	4,4' -DDD		ug/Kg	U	2.3	2.3
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	4,4' -DDE		ug/Kg	U	2.3	2.3
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	4,4' -DDT		ug/Kg	U	2.3	2.3
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	77	230
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	180	310
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	4-Chlorotoluene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	4-Methyl-2-pentanone		ug/Kg	U	5.4	27
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	130	390
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	170	390
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	a-BHC		ug/Kg	U	7.6	7.6
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	120	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	110	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Acetone		ug/Kg	UJ	5.4	27
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	120	270
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	a-Chlordane		ug/Kg	U	3.8	3.8
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Acrolein		ug/Kg	UJ	2.7	22
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Acrylonitrile		ug/Kg	U	0.54	22
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	Aldrin		ug/Kg	U	3.8	3.8
15B3 (12-14)	BV83372	SW6010	11/14/2016	10	Aluminum	6860	mg/Kg		8.1	40
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Aniline		ug/Kg	U	310	310
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Anthracene		ug/Kg	U	130	270
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Antimony		mg/Kg	U	2.0	2.0
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Arsenic	1.44	mg/Kg		0.81	0.81
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Barium	41.6	mg/Kg		0.40	0.8
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	b-BHC		ug/Kg	U	7.6	7.6
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Benz(a)anthracene		ug/Kg	U	130	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Benzene	1.0	ug/Kg	J	0.54	5.4
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	230	390
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Benzo(a)pyrene		ug/Kg	U	130	190
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Benzo(b)fluoranthene		ug/Kg	U	130	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	270



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	770	1900
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Benzoyl butyl phthalate		ug/Kg	U	100	270
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Beryllium	0.30	mg/Kg	J	0.16	0.32
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Bromobenzene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Bromochloromethane		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Bromodichloromethane		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Bromoform		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Bromomethane		ug/Kg	U	2.2	5.4
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Cadmium		mg/Kg	U	0.40	0.40
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Calcium	2020	mg/Kg		3.7	4.0
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	150	190
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Carbon Disulfide		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Carbon tetrachloride		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	Chlordane		ug/Kg	U	38	38
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Chlorobenzene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Chloroethane		ug/Kg	UJ	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Chloroform		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Chloromethane		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Chromium	20.7	mg/Kg		0.40	0.40
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Chrysene		ug/Kg	U	130	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Cobalt	8.31	mg/Kg		0.40	0.40
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Copper	13.8	mg/Kg		0.40	0.40
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	d-BHC		ug/Kg	U	7.6	7.6
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	190
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	110	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Dibromochloromethane		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Dibromomethane		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	Dieldrin		ug/Kg	U	3.8	3.8
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	120	270



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	120	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	100	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	100	270
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	Endosulfan I		ug/Kg	U	7.6	7.6
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	Endosulfan II		ug/Kg	U	7.6	7.6
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	Endosulfan sulfate		ug/Kg	U	7.6	7.6
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	Endrin		ug/Kg	U	7.6	7.6
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	Endrin aldehyde		ug/Kg	U	7.6	7.6
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	Endrin ketone		ug/Kg	U	7.6	7.6
15B3 (12-14)	BV83372	SW8260	11/14/2016	50	Ethylbenzene	100	ug/Kg	J	42	420
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Fluoranthene		ug/Kg	U	130	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	130	270
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	g-BHC		ug/Kg	U	1.5	1.5
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	g-Chlordane		ug/Kg	U	3.8	3.8
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	Heptachlor		ug/Kg	U	7.6	7.6
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	Heptachlor epoxide		ug/Kg	U	7.6	7.6
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	110	190
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Hexachlorobutadiene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	140	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	120	190
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	270
15B3 (12-14)	BV83372	SW6010	11/14/2016	10	Iron	16100	mg/Kg		40	40
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	110	190
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Isopropylbenzene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Lead	2.2	mg/Kg		0.40	0.8
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	m&p-Xylene	8.2	ug/Kg		1.1	5.4
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Magnesium	3080	mg/Kg		4.0	4.0
15B3 (12-14)	BV83372	SW6010	11/14/2016	10	Manganese	332	mg/Kg		4.0	4.0
15B3 (12-14)	BV83372	SW7471	11/14/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	Methoxychlor		ug/Kg	U	38	38
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	5.4	32
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.1	11
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Methylene chloride		ug/Kg	U	5.4	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Naphthalene		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Naphthalene		ug/Kg	U	110	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	n-Butylbenzene		ug/Kg	U	0.54	5.4



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Nickel	14.0	mg/Kg		0.40	0.40
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	140	190
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	190
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	n-Propylbenzene		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	o-Xylene	1.5	ug/Kg	J	1.1	5.4
15B3 (12-14)	BV83372	SW8082	11/14/2016	2	PCB-1016		ug/Kg	U	76	76
15B3 (12-14)	BV83372	SW8082	11/14/2016	2	PCB-1221		ug/Kg	U	76	76
15B3 (12-14)	BV83372	SW8082	11/14/2016	2	PCB-1232		ug/Kg	U	76	76
15B3 (12-14)	BV83372	SW8082	11/14/2016	2	PCB-1242		ug/Kg	U	76	76
15B3 (12-14)	BV83372	SW8082	11/14/2016	2	PCB-1248		ug/Kg	U	76	76
15B3 (12-14)	BV83372	SW8082	11/14/2016	2	PCB-1254		ug/Kg	U	76	76
15B3 (12-14)	BV83372	SW8082	11/14/2016	2	PCB-1260		ug/Kg	U	76	76
15B3 (12-14)	BV83372	SW8082	11/14/2016	2	PCB-1262		ug/Kg	U	76	76
15B3 (12-14)	BV83372	SW8082	11/14/2016	2	PCB-1268		ug/Kg	U	76	76
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	140	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	150	230
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Phenanthrene		ug/Kg	U	110	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Phenol		ug/Kg	U	120	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	p-Isopropyltoluene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Potassium	1750	mg/Kg		3.1	8
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Pyrene		ug/Kg	U	130	270
15B3 (12-14)	BV83372	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	95	270
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	sec-Butylbenzene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.4	1.6
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.40	0.40
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Sodium	194	mg/Kg		3.5	8
15B3 (12-14)	BV83372	E160.3	11/14/2016	1	SOLIDS, PERCENT	85	%			
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Styrene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Tert-butyl alcohol		ug/Kg	U	22	110
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	tert-Butylbenzene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Tetrachloroethene		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Tetrahydrofuran (THF)		ug/Kg	UJ	2.7	11
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.6	1.6
15B3 (12-14)	BV83372	SW8260	11/14/2016	50	Toluene	44	ug/Kg	J	42	420
15B3 (12-14)	BV83372	SW8081	11/14/2016	2	Toxaphene		ug/Kg	U	150	150



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.7	11
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Trichloroethene		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Trichlorofluoromethane		ug/Kg	U	1.1	5.4
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Vanadium	27.9	mg/Kg		0.40	0.40
15B3 (12-14)	BV83372	SW8260	11/14/2016	1	Vinyl chloride		ug/Kg	U	0.54	5.4
15B3 (12-14)	BV83372	SW6010	11/14/2016	1	Zinc	35.0	mg/Kg		0.40	0.8
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,1,1,2-Tetrachloroethane		ug/Kg	UJ	71	1400
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,1,1-Trichloroethane		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,1,2,2-Tetrachloroethane		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,1,2-Trichloroethane		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,1-Dichloroethane		ug/Kg	UJ	71	270
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,1-Dichloroethene		ug/Kg	UJ	36	330
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,1-Dichloropropene		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,2,3-Trichlorobenzene		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,2,3-Trichloropropane		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	150	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	130	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,2,4-Trichlorobenzene		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	2000	1,2,4-Trimethylbenzene	65000	ug/Kg		1400	3600
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,2-Dibromo-3-chloropropane		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,2-Dibromoethane		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	120	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,2-Dichlorobenzene		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,2-Dichloroethane		ug/Kg	UJ	36	36
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,2-Dichloropropane		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	140	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,3,5-Trimethylbenzene	570	ug/Kg	J	36	360
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	120	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,3-Dichlorobenzene		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,3-Dichloropropane		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	120	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,4-Dichlorobenzene		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	1,4-dioxane		ug/Kg	UJ	2800	2800
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	2,2-Dichloropropane		ug/Kg	UJ	36	360



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15B1 (12-14)	BV83373	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	230	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	210
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	150	210
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	100	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	290	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	210
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	210
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	120	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	120	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	2-Chlorotoluene		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	2-Hexanone		ug/Kg	UJ	360	1800
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	2-Isopropyltoluene	440	ug/Kg	J	36	360
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	2-Methylnaphthalene	1600	ug/Kg		120	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	200	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	290	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	270	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	200	210
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	840	420
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	4,4' -DDD		ug/Kg	U	2.5	2.5
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	4,4' -DDE		ug/Kg	U	2.5	2.5
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	4,4' -DDT		ug/Kg	U	2.5	2.5
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	84	250
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	150	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	190	330
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	140	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	4-Chlorotoluene		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	4-Methyl-2-pentanone		ug/Kg	UJ	360	1800
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	140	420
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	190	420
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	a-BHC		ug/Kg	U	8.5	8.5
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	130	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	120	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Acetone		ug/Kg	UJ	360	360
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	130	290
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	a-Chlordane		ug/Kg	U	4.2	4.2



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Acrolein		ug/Kg	UJ	180	1400
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Acrylonitrile		ug/Kg	UJ	36	1400
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	Aldrin		ug/Kg	U	4.2	4.2
15B1 (12-14)	BV83373	SW6010	11/14/2016	10	Aluminum	12600	mg/Kg		8.0	40
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Aniline		ug/Kg	U	330	330
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Anthracene		ug/Kg	U	140	290
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Antimony		mg/Kg	U	2.0	2.0
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Arsenic	1.72	mg/Kg		0.80	0.80
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Barium	62.1	mg/Kg		0.40	0.8
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	b-BHC		ug/Kg	U	8.5	8.5
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Benz(a)anthracene		ug/Kg	U	140	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Benzene	90	ug/Kg	J	36	60
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	250	420
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Benzo(a)pyrene		ug/Kg	U	140	210
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Benzo(ghi)perylene		ug/Kg	U	140	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Benzo(k)fluoranthene		ug/Kg	U	140	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	840	2100
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	U	110	290
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Beryllium	0.51	mg/Kg		0.16	0.32
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	120	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	210
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	120	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Bromobenzene		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Bromochloromethane		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Bromodichloromethane		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Bromoform		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Bromomethane		ug/Kg	UJ	140	360
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Cadmium		mg/Kg	U	0.40	0.40
15B1 (12-14)	BV83373	SW6010	11/14/2016	10	Calcium	1440	mg/Kg		37	40
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	170	210
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Carbon Disulfide		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Carbon tetrachloride		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	Chlordane		ug/Kg	U	42	42
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Chlorobenzene		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Chloroethane		ug/Kg	UJ	36	360



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Chloroform		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Chloromethane		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Chromium	33.3	mg/Kg		0.40	0.40
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Chrysene		ug/Kg	U	140	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	cis-1,2-Dichloroethene		ug/Kg	UJ	36	250
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	cis-1,3-Dichloropropene		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Cobalt	11.8	mg/Kg		0.40	0.40
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Copper	21.0	mg/Kg		0.40	0.40
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	d-BHC		ug/Kg	U	8.5	8.5
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	140	210
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	120	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Dibromochloromethane		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Dibromomethane		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Dichlorodifluoromethane		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	Dieldrin		ug/Kg	U	4.2	4.2
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	130	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	130	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	110	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	110	290
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	Endosulfan I		ug/Kg	U	8.5	8.5
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	Endosulfan II		ug/Kg	U	8.5	8.5
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	Endosulfan sulfate		ug/Kg	U	8.5	8.5
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	Endrin		ug/Kg	U	8.5	8.5
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	Endrin aldehyde		ug/Kg	U	8.5	8.5
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	Endrin ketone		ug/Kg	U	8.5	8.5
15B1 (12-14)	BV83373	SW8260	11/14/2016	2000	Ethylbenzene	14000	ug/Kg		1400	1400
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Fluoranthene		ug/Kg	U	140	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	140	290
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	g-BHC		ug/Kg	U	1.7	1.7
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	g-Chlordane		ug/Kg	U	4.2	4.2
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	Heptachlor		ug/Kg	U	8.5	8.5
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	Heptachlor epoxide		ug/Kg	U	8.5	8.5
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	120	210
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	150	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Hexachlorobutadiene		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	130	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	130	210



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	140	290
15B1 (12-14)	BV83373	SW6010	11/14/2016	10	Iron	24100	mg/Kg		40	40
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	120	210
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Isopropylbenzene	6300	ug/Kg	J	36	360
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Lead	7.6	mg/Kg		0.40	0.8
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	m&p-Xylene	2100	ug/Kg	J	71	360
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Magnesium	4100	mg/Kg		4.0	4.0
15B1 (12-14)	BV83373	SW6010	11/14/2016	10	Manganese	348	mg/Kg		4.0	4.0
15B1 (12-14)	BV83373	SW7471	11/14/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	Methoxychlor		ug/Kg	U	42	42
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Methyl Ethyl Ketone		ug/Kg	UJ	360	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Methyl t-butyl ether (MTBE)		ug/Kg	UJ	71	710
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Methylene chloride		ug/Kg	UJ	360	360
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Naphthalene	3200	ug/Kg		120	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Naphthalene	2200	ug/Kg	J	71	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	n-Butylbenzene	7400	ug/Kg	J	36	360
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Nickel	15.8	mg/Kg		0.40	0.40
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	150	210
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	120	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	140	210
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	160	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	2000	n-Propylbenzene	16000	ug/Kg		2800	3900
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	o-Xylene	1000	ug/Kg	J	71	360
15B1 (12-14)	BV83373	SW8082	11/14/2016	2	PCB-1016		ug/Kg	U	85	85
15B1 (12-14)	BV83373	SW8082	11/14/2016	2	PCB-1221		ug/Kg	U	85	85
15B1 (12-14)	BV83373	SW8082	11/14/2016	2	PCB-1232		ug/Kg	U	85	85
15B1 (12-14)	BV83373	SW8082	11/14/2016	2	PCB-1242		ug/Kg	U	85	85
15B1 (12-14)	BV83373	SW8082	11/14/2016	2	PCB-1248		ug/Kg	U	85	85
15B1 (12-14)	BV83373	SW8082	11/14/2016	2	PCB-1254		ug/Kg	U	85	85
15B1 (12-14)	BV83373	SW8082	11/14/2016	2	PCB-1260		ug/Kg	U	85	85
15B1 (12-14)	BV83373	SW8082	11/14/2016	2	PCB-1262		ug/Kg	U	85	85
15B1 (12-14)	BV83373	SW8082	11/14/2016	2	PCB-1268		ug/Kg	U	85	85
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	160	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	160	250
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Phenanthrene		ug/Kg	U	120	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Phenol		ug/Kg	U	130	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	p-Isopropyltoluene	2800	ug/Kg	J	36	360



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Potassium	2740	mg/Kg		3.1	8
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Pyrene		ug/Kg	U	140	290
15B1 (12-14)	BV83373	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	100	290
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	sec-Butylbenzene	4800	ug/Kg	J	36	360
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.4	1.6
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.40	0.40
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Sodium	313	mg/Kg		3.4	8
15B1 (12-14)	BV83373	E160.3	11/14/2016	1	SOLIDS, PERCENT	78	%			
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Styrene		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Tert-butyl alcohol		ug/Kg	UJ	1400	7100
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	tert-Butylbenzene	270	ug/Kg	J	36	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Tetrachloroethene		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Tetrahydrofuran (THF)		ug/Kg	UJ	180	710
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.6	1.6
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Toluene	96	ug/Kg	J	36	360
15B1 (12-14)	BV83373	SW8081	11/14/2016	2	Toxaphene		ug/Kg	U	170	170
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	trans-1,2-Dichloroethene		ug/Kg	UJ	36	190
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	trans-1,3-Dichloropropene		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	trans-1,4-dichloro-2-butene		ug/Kg	UJ	180	710
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Trichloroethene		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Trichlorofluoromethane		ug/Kg	UJ	71	360
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Trichlorotrifluoroethane		ug/Kg	UJ	36	360
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Vanadium	37.7	mg/Kg		0.40	0.40
15B1 (12-14)	BV83373	SW8260	11/14/2016	50	Vinyl chloride		ug/Kg	UJ	36	36
15B1 (12-14)	BV83373	SW6010	11/14/2016	1	Zinc	49.4	mg/Kg		0.40	0.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.76	15
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,1-Dichloroethane		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,1-Dichloroethene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,1-Dichloropropene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.76	3.8



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,2,4-Trimethylbenzene	1.5	ug/Kg	J	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,2-Dibromoethane		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	110	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,2-Dichloroethane		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,2-Dichloropropane		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	120	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,3-Dichloropropane		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	120	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	1,4-dioxane		ug/Kg	U	30	57
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	2,2-Dichloropropane		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	100	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	280	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	200
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	200
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	110	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	110	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	2-Chlorotoluene		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	2-Hexanone		ug/Kg	U	3.8	19
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	2-Isopropyltoluene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	2-Methylnaphthalene		ug/Kg	U	120	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	280	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	260	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	810	400
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	81	240
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	190	320
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	140	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	4-Chlorotoluene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	4-Methyl-2-pentanone		ug/Kg	U	3.8	19
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	130	400
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	180	400
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	120	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	110	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Acetone		ug/Kg	UJ	3.8	19
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	130	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Acrolein		ug/Kg	UJ	1.9	15
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Acrylonitrile		ug/Kg	U	0.38	15
15B1 (18-20)	BV83374	SW6010	11/14/2016	10	Aluminum	3690	mg/Kg		7.4	37
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Aniline		ug/Kg	U	320	320
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Anthracene		ug/Kg	U	130	280
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Antimony		mg/Kg	U	1.9	1.9
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Arsenic	1.19	mg/Kg		0.74	0.74
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Barium	18.4	mg/Kg		0.37	0.7
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Benz(a)anthracene		ug/Kg	U	140	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Benzene	0.84	ug/Kg	J	0.38	3.8
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	240	400
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	810	2000
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Beryllium		mg/Kg	U	0.15	0.30
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Bromobenzene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Bromochloromethane		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Bromodichloromethane		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Bromoform		ug/Kg	U	0.76	3.8



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Bromomethane		ug/Kg	U	1.5	3.8
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Cadmium		mg/Kg	U	0.37	0.37
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Calcium	468	mg/Kg		3.4	3.7
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	160	200
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Carbon Disulfide		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Carbon tetrachloride		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Chlorobenzene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Chloroethane		ug/Kg	UJ	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Chloroform		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Chloromethane		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Chromium	5.75	mg/Kg		0.37	0.37
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Chrysene		ug/Kg	U	140	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Cobalt	3.19	mg/Kg		0.37	0.37
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Copper	6.20	mg/Kg		0.37	0.37
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	120	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Dibromochloromethane		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Dibromomethane		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	130	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	120	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	110	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	100	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Ethylbenzene	39	ug/Kg		0.38	3.8
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Fluoranthene		ug/Kg	U	130	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	130	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	120	200
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	150	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Hexachlorobutadiene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15B1 (18-20)	BV83374	SW6010	11/14/2016	10	Iron	7760	mg/Kg		37	37
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	110	200
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Isopropylbenzene	3.3	ug/Kg	J	0.38	3.8



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Lead	1.0	mg/Kg		0.37	0.7
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	m&p-Xylene	3.8	ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW6010	11/14/2016	10	Magnesium	1320	mg/Kg		37	37
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Manganese	74.9	mg/Kg		0.37	0.37
15B1 (18-20)	BV83374	SW7471	11/14/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	3.8	23
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.76	7.6
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Methylene chloride		ug/Kg	U	3.8	3.8
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Naphthalene		ug/Kg	U	120	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Naphthalene		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	n-Butylbenzene	0.64	ug/Kg	J	0.38	3.8
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Nickel	6.98	mg/Kg		0.37	0.37
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	n-Propylbenzene	5.0	ug/Kg		0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	o-Xylene		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	150	240
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Phenanthrene		ug/Kg	U	120	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Phenol		ug/Kg	U	130	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	p-Isopropyltoluene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Potassium	436	mg/Kg		2.9	7
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Pyrene		ug/Kg	U	140	280
15B1 (18-20)	BV83374	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	99	280
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	sec-Butylbenzene	0.85	ug/Kg	J	0.38	3.8
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.3	1.5
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.37	0.37
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Sodium	198	mg/Kg		3.2	7
15B1 (18-20)	BV83374	E160.3	11/14/2016	1	SOLIDS, PERCENT	82	%			
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Styrene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Tert-butyl alcohol		ug/Kg	U	15	76
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	tert-Butylbenzene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Tetrachloroethene		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Tetrahydrofuran (THF)	4.0	ug/Kg	J	1.9	7.6
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.5	1.5



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Toluene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	1.9	7.6
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Trichloroethene		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Trichlorofluoromethane		ug/Kg	U	0.76	3.8
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Vanadium	8.97	mg/Kg		0.37	0.37
15B1 (18-20)	BV83374	SW8260	11/14/2016	1	Vinyl chloride		ug/Kg	U	0.38	3.8
15B1 (18-20)	BV83374	SW6010	11/14/2016	1	Zinc	12.9	mg/Kg		0.37	0.7
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	83	1700
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,1,1-Trichloroethane		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,1,2-Trichloroethane		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,1-Dichloroethane		ug/Kg	U	83	270
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,1-Dichloroethene		ug/Kg	U	41	330
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,1-Dichloropropene		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,2,3-Trichlorobenzene		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,2,3-Trichloropropane		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,2,4-Trichlorobenzene		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,2,4-Trimethylbenzene	260	ug/Kg	J	41	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,2-Dibromoethane		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	110	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,2-Dichlorobenzene		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,2-Dichloroethane		ug/Kg	U	41	41
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,2-Dichloropropane		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,3,5-Trimethylbenzene		ug/Kg	UJ	41	410
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	120	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,3-Dichlorobenzene		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,3-Dichloropropane		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	120	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,4-Dichlorobenzene		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	1,4-dioxane		ug/Kg	U	3300	3300



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	2,2-Dichloropropane		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	100	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	280	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	200
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	200
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	110	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	110	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	2-Chlorotoluene		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	2-Hexanone		ug/Kg	U	410	2100
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	2-Isopropyltoluene	150	ug/Kg	J	41	410
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	2-Methylnaphthalene	1500	ug/Kg		120	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	280	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	260	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	800	400
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	4,4' -DDD		ug/Kg	U	2.4	2.4
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	4,4' -DDE		ug/Kg	U	2.4	2.4
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	4,4' -DDT		ug/Kg	U	2.4	2.4
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	80	240
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	190	320
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	140	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	4-Chlorotoluene		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	4-Methyl-2-pentanone		ug/Kg	U	410	2100
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	130	400
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	180	400
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	a-BHC		ug/Kg	U	8.0	8.0
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	120	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	110	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Acetone		ug/Kg	UJ	410	410
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	130	280



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	a-Chlordane		ug/Kg	U	4.0	4.0
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Acrolein		ug/Kg	UJ	210	1700
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Acrylonitrile		ug/Kg	U	41	1700
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	Aldrin		ug/Kg	U	4.0	4.0
15B2 (12-14)	BV83375	SW6010	11/14/2016	10	Aluminum	4150	mg/Kg		8.3	42
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Aniline		ug/Kg	U	320	320
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Anthracene		ug/Kg	U	130	280
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Antimony		mg/Kg	U	2.1	2.1
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Arsenic	1.41	mg/Kg		0.83	0.83
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Barium	44.3	mg/Kg		0.42	0.8
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	b-BHC		ug/Kg	U	8.0	8.0
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Benz(a)anthracene		ug/Kg	U	140	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Benzene		ug/Kg	U	41	60
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	240	400
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	800	2000
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Beryllium	0.35	mg/Kg		0.17	0.33
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Bromobenzene		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Bromochloromethane		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Bromodichloromethane		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Bromoform		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Bromomethane		ug/Kg	U	170	410
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Cadmium		mg/Kg	U	0.42	0.42
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Calcium	1170	mg/Kg		3.8	4.2
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	160	200
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Carbon Disulfide		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Carbon tetrachloride		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	Chlordane		ug/Kg	U	40	40
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Chlorobenzene		ug/Kg	U	41	410



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Chloroethane		ug/Kg	UJ	41	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Chloroform		ug/Kg	U	41	370
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Chloromethane		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Chromium	19.6	mg/Kg		0.42	0.42
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Chrysene		ug/Kg	U	140	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	cis-1,2-Dichloroethene		ug/Kg	U	41	250
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	cis-1,3-Dichloropropene		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Cobalt	8.80	mg/Kg		0.42	0.42
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Copper	13.9	mg/Kg		0.42	0.42
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	d-BHC		ug/Kg	U	8.0	8.0
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	120	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Dibromochloromethane		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Dibromomethane		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Dichlorodifluoromethane		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	Dieldrin		ug/Kg	U	4.0	4.0
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	130	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	120	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	110	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	100	280
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	Endosulfan I		ug/Kg	U	8.0	8.0
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	Endosulfan II		ug/Kg	U	8.0	8.0
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	Endosulfan sulfate		ug/Kg	U	8.0	8.0
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	Endrin		ug/Kg	U	8.0	8.0
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	Endrin aldehyde		ug/Kg	U	8.0	8.0
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	Endrin ketone		ug/Kg	U	8.0	8.0
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Ethylbenzene	420	ug/Kg	J	41	410
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Fluoranthene		ug/Kg	U	130	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	130	280
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	g-BHC		ug/Kg	U	1.6	1.6
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	g-Chlordane		ug/Kg	U	4.0	4.0
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	Heptachlor		ug/Kg	U	8.0	8.0
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	Heptachlor epoxide		ug/Kg	U	8.0	8.0
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	120	200
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	150	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Hexachlorobutadiene		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	280



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	120	200
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15B2 (12-14)	BV83375	SW6010	11/14/2016	10	Iron	8490	mg/Kg	J	42	42
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	110	200
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Isopropylbenzene	600	ug/Kg	J	41	410
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Lead	4.4	mg/Kg		0.42	0.8
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	m&p-Xylene		ug/Kg	UJ	83	410
15B2 (12-14)	BV83375	SW6010	11/14/2016	10	Magnesium	1650	mg/Kg		42	42
15B2 (12-14)	BV83375	SW6010	11/14/2016	10	Manganese	237	mg/Kg		4.2	4.2
15B2 (12-14)	BV83375	SW7471	11/14/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	Methoxychlor		ug/Kg	U	40	40
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Methyl Ethyl Ketone		ug/Kg	UJ	410	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	83	830
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Methylene chloride		ug/Kg	U	410	410
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Naphthalene	3000	ug/Kg		120	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Naphthalene	490	ug/Kg	J	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	n-Butylbenzene	410	ug/Kg	J	41	410
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Nickel	14.8	mg/Kg		0.42	0.42
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	140	200
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	n-Propylbenzene	2800	ug/Kg	J	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	o-Xylene		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8082	11/14/2016	2	PCB-1016		ug/Kg	U	80	80
15B2 (12-14)	BV83375	SW8082	11/14/2016	2	PCB-1221		ug/Kg	U	80	80
15B2 (12-14)	BV83375	SW8082	11/14/2016	2	PCB-1232		ug/Kg	U	80	80
15B2 (12-14)	BV83375	SW8082	11/14/2016	2	PCB-1242		ug/Kg	U	80	80
15B2 (12-14)	BV83375	SW8082	11/14/2016	2	PCB-1248		ug/Kg	U	80	80
15B2 (12-14)	BV83375	SW8082	11/14/2016	2	PCB-1254		ug/Kg	U	80	80
15B2 (12-14)	BV83375	SW8082	11/14/2016	2	PCB-1260		ug/Kg	U	80	80
15B2 (12-14)	BV83375	SW8082	11/14/2016	2	PCB-1262		ug/Kg	U	80	80
15B2 (12-14)	BV83375	SW8082	11/14/2016	2	PCB-1268		ug/Kg	U	80	80
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	150	240
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Phenanthrene		ug/Kg	U	120	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Phenol		ug/Kg	U	130	280



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	p-Isopropyltoluene	340	ug/Kg	J	41	410
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Potassium	1840	mg/Kg		3.3	8
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Pyrene		ug/Kg	U	140	280
15B2 (12-14)	BV83375	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	99	280
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	sec-Butylbenzene	2000	ug/Kg	J	41	410
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.4	1.7
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.42	0.42
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Sodium	341	mg/Kg		3.6	8
15B2 (12-14)	BV83375	E160.3	11/14/2016	1	SOLIDS, PERCENT	81	%			
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Styrene		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Tert-butyl alcohol		ug/Kg	U	1700	8300
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	tert-Butylbenzene		ug/Kg	UJ	41	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Tetrachloroethene		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Tetrahydrofuran (THF)		ug/Kg	UJ	210	830
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.7	1.7
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Toluene		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8081	11/14/2016	2	Toxaphene		ug/Kg	U	160	160
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	trans-1,2-Dichloroethene		ug/Kg	U	41	190
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	trans-1,3-Dichloropropene		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	trans-1,4-dichloro-2-butene		ug/Kg	U	210	830
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Trichloroethene		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Trichlorofluoromethane		ug/Kg	U	83	410
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Trichlorotrifluoroethane		ug/Kg	U	41	410
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Vanadium	29.3	mg/Kg		0.42	0.42
15B2 (12-14)	BV83375	SW8260	11/14/2016	50	Vinyl chloride		ug/Kg	U	41	41
15B2 (12-14)	BV83375	SW6010	11/14/2016	1	Zinc	36.2	mg/Kg		0.42	0.8
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	UJ	0.89	18
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,1,1-Trichloroethane		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,1,2-Trichloroethane		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,1-Dichloroethane		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,1-Dichloroethene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,1-Dichloropropene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,2,3-Trichloropropane		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	290



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	50	1,2,4-Trimethylbenzene	480	ug/Kg		33	330
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,2-Dibromoethane		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	120	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,2-Dichloroethane		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,2-Dichloropropane		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	50	1,3,5-Trimethylbenzene	2300	ug/Kg		33	330
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	120	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,3-Dichloropropane		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	120	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	1,4-dioxane		ug/Kg	UJ	35	66
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	2,2-Dichloropropane		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	230	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	210
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	210
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	100	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	290	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	210
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	210
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	120	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	120	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	2-Chlorotoluene		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	2-Hexanone		ug/Kg	UJ	4.4	22
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	2-Isopropyltoluene	14	ug/Kg	J	0.44	4.4
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	2-Methylnaphthalene		ug/Kg	U	120	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	290	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	260	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	210
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	820	410
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	82	250



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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
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	190	330
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	140	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	4-Chlorotoluene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	4-Methyl-2-pentanone		ug/Kg	UJ	4.4	22
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	140	410
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	190	410
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	120	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	120	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Acetone		ug/Kg	UJ	4.4	22
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	130	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Acrolein		ug/Kg	UJ	2.2	18
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Acrylonitrile		ug/Kg	UJ	0.44	18
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	10	Aluminum	5080	mg/Kg		8.0	40
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Aniline		ug/Kg	U	330	330
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Anthracene		ug/Kg	U	130	290
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Antimony		mg/Kg	U	2.0	2.0
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Arsenic	1.09	mg/Kg		0.80	0.80
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Barium	25.4	mg/Kg		0.40	0.8
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Benz(a)anthracene		ug/Kg	U	140	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Benzene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	240	410
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Benzo(a)pyrene		ug/Kg	U	130	210
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Benzo(k)fluoranthene		ug/Kg	U	140	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	820	2100
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	U	110	290
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Beryllium	0.19	mg/Kg	J	0.16	0.32
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	210
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Bromobenzene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Bromochloromethane		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Bromodichloromethane		ug/Kg	UJ	0.89	4.4



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Bromoform		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Bromomethane		ug/Kg	UJ	1.8	4.4
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Cadmium		mg/Kg	U	0.40	0.40
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	10	Calcium	750	mg/Kg		37	40
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	160	210
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Carbon Disulfide	2.2	ug/Kg	J	0.89	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Carbon tetrachloride		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Chlorobenzene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Chloroethane		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Chloroform		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Chloromethane		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Chromium	10.9	mg/Kg		0.40	0.40
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Chrysene		ug/Kg	U	140	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	cis-1,2-Dichloroethene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	cis-1,3-Dichloropropene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Cobalt	4.95	mg/Kg		0.40	0.40
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Copper	8.23	mg/Kg		0.40	0.40
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	210
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	120	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Dibromochloromethane		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Dibromomethane		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Dichlorodifluoromethane		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	130	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	130	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	110	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	110	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	50	Ethylbenzene	500	ug/Kg		33	330
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Fluoranthene		ug/Kg	U	130	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	140	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	120	210
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	150	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	130	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	120	210
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	140	290
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	10	Iron	9490	mg/Kg		40	40
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	120	210



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	50	Isopropylbenzene	500	ug/Kg		33	330
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Lead	1.4	mg/Kg		0.40	0.8
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	50	m&p-Xylene	500	ug/Kg		65	330
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Magnesium	1910	mg/Kg		4.0	4.0
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	10	Manganese	175	mg/Kg		4.0	4.0
15B2 (22.5-25)	BV83376	SW7471	11/14/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	4.4	27
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	UJ	0.89	8.9
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Methylene chloride		ug/Kg	UJ	4.4	4.4
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Naphthalene		ug/Kg	U	120	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	50	Naphthalene	390	ug/Kg		65	330
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	50	n-Butylbenzene	1200	ug/Kg		33	330
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Nickel	8.76	mg/Kg		0.40	0.40
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	140	210
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	120	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	210
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	160	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	50	n-Propylbenzene	2000	ug/Kg		65	330
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	o-Xylene	29	ug/Kg	J	0.89	4.4
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	160	250
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Phenanthrene		ug/Kg	U	120	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Phenol		ug/Kg	U	130	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	p-Isopropyltoluene	71	ug/Kg	J	0.44	4.4
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Potassium	943	mg/Kg		3.1	8
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Pyrene		ug/Kg	U	140	290
15B2 (22.5-25)	BV83376	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	100	290
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	50	sec-Butylbenzene	350	ug/Kg		33	330
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.4	1.6
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.40	0.40
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Sodium	168	mg/Kg		3.4	8
15B2 (22.5-25)	BV83376	E160.3	11/14/2016	1	SOLIDS, PERCENT	79	%			
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Styrene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Tert-butyl alcohol		ug/Kg	UJ	18	89
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	tert-Butylbenzene	8.9	ug/Kg	J	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Tetrachloroethene		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Tetrahydrofuran (THF)		ug/Kg	UJ	2.2	8.9



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.6	1.6
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Toluene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	trans-1,2-Dichloroethene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	trans-1,3-Dichloropropene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	UJ	2.2	8.9
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Trichloroethene		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Trichlorofluoromethane		ug/Kg	UJ	0.89	4.4
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Trichlorotrifluoroethane		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Vanadium	14.7	mg/Kg		0.40	0.40
15B2 (22.5-25)	BV83376	SW8260	11/14/2016	1	Vinyl chloride		ug/Kg	UJ	0.44	4.4
15B2 (22.5-25)	BV83376	SW6010	11/14/2016	1	Zinc	20.5	mg/Kg		0.40	0.8
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.71	14
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,1-Dichloroethane		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,1-Dichloroethene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,1-Dichloropropene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	UJ	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,2,4-Trimethylbenzene	0.66	ug/Kg	J	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,2-Dibromoethane		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	100	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,2-Dichloroethane		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,2-Dichloropropane		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,3,5-Trimethylbenzene	0.51	ug/Kg	J	0.36	3.6
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	110	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,3-Dichloropropane		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	110	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.36	3.6



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	1,4-dioxane		ug/Kg	U	28	53
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	2,2-Dichloropropane		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	120	180
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	130	180
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	90	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	250	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	100	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	100	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	2-Chlorotoluene		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	2-Hexanone		ug/Kg	U	3.6	18
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	2-Isopropyltoluene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	2-Methylnaphthalene		ug/Kg	U	110	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	250	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	230	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	730	360
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	4,4' -DDD		ug/Kg	U	2.2	2.2
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	4,4' -DDE		ug/Kg	U	2.2	2.2
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	4,4' -DDT		ug/Kg	U	2.2	2.2
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	73	220
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	170	290
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	4-Chlorotoluene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	4-Methyl-2-pentanone		ug/Kg	U	3.6	18
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	120	360
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	160	360
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	a-BHC		ug/Kg	U	7.4	7.4
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	110	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	100	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Acetone	18	ug/Kg	UJ	3.6	18



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	110	250
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	a-Chlordane		ug/Kg	U	3.7	3.7
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Acrolein		ug/Kg	UJ	1.8	14
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Acrylonitrile		ug/Kg	U	0.36	14
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	Aldrin		ug/Kg	U	3.7	3.7
15B10 (10-15)	BV83377	SW6010	11/14/2016	10	Aluminum	4600	mg/Kg		6.9	35
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Aniline		ug/Kg	U	290	290
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Anthracene		ug/Kg	U	120	250
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Antimony		mg/Kg	U	1.7	1.7
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Arsenic	1.28	mg/Kg		0.69	0.69
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Barium	20.0	mg/Kg		0.35	0.7
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	b-BHC		ug/Kg	U	7.4	7.4
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Benz(a)anthracene		ug/Kg	U	120	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Benzene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	210	360
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Benzo(a)pyrene		ug/Kg	U	120	180
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Benzo(ghi)perylene		ug/Kg	U	120	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	730	1800
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	U	94	250
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Beryllium	0.19	mg/Kg	J	0.14	0.28
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	98	180
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Bromobenzene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Bromochloromethane		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Bromodichloromethane		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Bromoform		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Bromomethane		ug/Kg	U	1.4	3.6
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Cadmium		mg/Kg	U	0.35	0.35
15B10 (10-15)	BV83377	SW6010	11/14/2016	10	Calcium	1060	mg/Kg		32	35
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	150	180
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Carbon Disulfide		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Carbon tetrachloride		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	Chlordane		ug/Kg	U	37	37



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Chlorobenzene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Chloroethane		ug/Kg	UJ	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Chloroform		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Chloromethane		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Chromium	14.9	mg/Kg		0.35	0.35
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Chrysene		ug/Kg	U	120	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Cobalt	4.49	mg/Kg		0.35	0.35
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Copper	8.89	mg/Kg		0.35	0.35
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	d-BHC		ug/Kg	U	7.4	7.4
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	110	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Dibromochloromethane		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Dibromomethane		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	Dieldrin		ug/Kg	U	3.7	3.7
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	110	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	110	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	97	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	94	250
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	Endosulfan I		ug/Kg	U	7.4	7.4
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	Endosulfan II		ug/Kg	U	7.4	7.4
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	Endosulfan sulfate		ug/Kg	U	7.4	7.4
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	Endrin		ug/Kg	U	7.4	7.4
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	Endrin aldehyde		ug/Kg	U	7.4	7.4
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	Endrin ketone		ug/Kg	U	7.4	7.4
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Ethylbenzene	3.6	ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Fluoranthene		ug/Kg	U	120	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	120	250
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	g-BHC		ug/Kg	U	1.5	1.5
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	g-Chlordane		ug/Kg	U	3.7	3.7
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	Heptachlor		ug/Kg	U	7.4	7.4
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	Heptachlor epoxide		ug/Kg	U	7.4	7.4
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	110	180
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	130	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	0.36	3.6



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	110	180
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
15B10 (10-15)	BV83377	SW6010	11/14/2016	10	Iron	11200	mg/Kg		35	35
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	100	180
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Isopropylbenzene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Lead	2.2	mg/Kg		0.35	0.7
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	m&p-Xylene	3.6	ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Magnesium	1530	mg/Kg		3.5	3.5
15B10 (10-15)	BV83377	SW6010	11/14/2016	10	Manganese	180	mg/Kg		3.5	3.5
15B10 (10-15)	BV83377	SW7471	11/14/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	Methoxychlor		ug/Kg	U	37	37
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	3.6	21
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.71	7.1
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Methylene chloride		ug/Kg	U	3.6	3.6
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Naphthalene		ug/Kg	U	100	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	50	Naphthalene	240	ug/Kg		43	210
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	n-Butylbenzene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Nickel	9.29	mg/Kg		0.35	0.35
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	130	180
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	n-Propylbenzene		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	o-Xylene		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8082	11/14/2016	2	PCB-1016		ug/Kg	U	74	74
15B10 (10-15)	BV83377	SW8082	11/14/2016	2	PCB-1221		ug/Kg	U	74	74
15B10 (10-15)	BV83377	SW8082	11/14/2016	2	PCB-1232		ug/Kg	U	74	74
15B10 (10-15)	BV83377	SW8082	11/14/2016	2	PCB-1242		ug/Kg	U	74	74
15B10 (10-15)	BV83377	SW8082	11/14/2016	2	PCB-1248		ug/Kg	U	74	74
15B10 (10-15)	BV83377	SW8082	11/14/2016	2	PCB-1254		ug/Kg	U	74	74
15B10 (10-15)	BV83377	SW8082	11/14/2016	2	PCB-1260		ug/Kg	U	74	74
15B10 (10-15)	BV83377	SW8082	11/14/2016	2	PCB-1262		ug/Kg	U	74	74
15B10 (10-15)	BV83377	SW8082	11/14/2016	2	PCB-1268		ug/Kg	U	74	74
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	140	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	140	220
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Phenanthrene		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
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Phenol		ug/Kg	U	120	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	p-Isopropyltoluene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Potassium	546	mg/Kg		2.7	7
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Pyrene		ug/Kg	U	130	250
15B10 (10-15)	BV83377	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	90	250
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	sec-Butylbenzene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.2	1.4
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.35	0.35
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Sodium	131	mg/Kg		3.0	7
15B10 (10-15)	BV83377	E160.3	11/14/2016	1	SOLIDS, PERCENT	90	%			
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Styrene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Tert-butyl alcohol		ug/Kg	U	14	71
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	tert-Butylbenzene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Tetrachloroethene		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Tetrahydrofuran (THF)		ug/Kg	UJ	1.8	7.1
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.4	1.4
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Toluene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8081	11/14/2016	2	Toxaphene		ug/Kg	U	150	150
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	1.8	7.1
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Trichloroethene		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Trichlorofluoromethane		ug/Kg	U	0.71	3.6
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Vanadium	17.1	mg/Kg		0.35	0.35
15B10 (10-15)	BV83377	SW8260	11/14/2016	1	Vinyl chloride		ug/Kg	U	0.36	3.6
15B10 (10-15)	BV83377	SW6010	11/14/2016	1	Zinc	18.5	mg/Kg		0.35	0.7
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	72	1400
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,1,1-Trichloroethane		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,1,2-Trichloroethane		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,1-Dichloroethane		ug/Kg	U	72	270
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,1-Dichloroethene		ug/Kg	U	36	330
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,1-Dichloropropene		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,2,3-Trichlorobenzene		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,2,3-Trichloropropane		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		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
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,2,4-Trichlorobenzene		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	1000	1,2,4-Trimethylbenzene	44000	ug/Kg		720	3600
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,2-Dibromoethane		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,2-Dichlorobenzene		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	1,2-Dichlorobenzene	120	ug/Kg	J	100	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,2-Dichloroethane		ug/Kg	U	36	36
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,2-Dichloropropane		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	1000	1,3,5-Trimethylbenzene	13000	ug/Kg		720	7200
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,3-Dichlorobenzene		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	110	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,3-Dichloropropane		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,4-Dichlorobenzene		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	110	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	1,4-dioxane		ug/Kg	U	2900	2900
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	2,2-Dichloropropane		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	120	190
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	130	190
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	2,4-Dimethylphenol	170	ug/Kg	J	92	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	260	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	150	190
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	120	190
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	110	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	110	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	2-Chlorotoluene		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	2-Hexanone		ug/Kg	U	360	1800
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	2-Isopropyltoluene	160	ug/Kg	J	36	360
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	2-Methylnaphthalene	1600	ug/Kg		110	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	260	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	240	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	180	190
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	740	370



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	74	220
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	170	300
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	4-Chlorotoluene		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	4-Methyl-2-pentanone		ug/Kg	U	360	1800
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	120	370
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	170	370
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Acenaphthene	410	ug/Kg		110	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Acenaphthylene	170	ug/Kg	J	100	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Acetone	640	ug/Kg	J	360	360
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	120	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Acrolein		ug/Kg	UJ	180	1400
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Acrylonitrile		ug/Kg	U	36	1400
15B9 (3-5)	BV83378	SW6010	11/14/2016	10	Aluminum	6550	mg/Kg		7.9	39
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Aniline		ug/Kg	U	300	300
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Anthracene	660	ug/Kg		120	260
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Antimony	3.3	mg/Kg		2.0	2.0
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Arsenic	7.72	mg/Kg		0.79	0.79
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Barium	261	mg/Kg		0.39	0.8
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Benz(a)anthracene	1500	ug/Kg	J	120	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	1000	Benzene	800	ug/Kg		720	720
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	220	370
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Benzo(a)pyrene	1100	ug/Kg	J	120	190
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Benzo(b)fluoranthene	1100	ug/Kg	J	130	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Benzo(ghi)perylene	640	ug/Kg	J	120	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Benzo(k)fluoranthene	900	ug/Kg	J	120	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	740	1900
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	UJ	96	260
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Beryllium	0.34	mg/Kg		0.16	0.31
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	190
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate	1600	ug/Kg	J	110	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Bromobenzene		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Bromochloromethane		ug/Kg	U	36	360



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Bromodichloromethane		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Bromoform		ug/Kg	UJ	72	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Bromomethane		ug/Kg	U	140	360
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Cadmium	1.60	mg/Kg		0.39	0.39
15B9 (3-5)	BV83378	SW6010	11/14/2016	10	Calcium	12900	mg/Kg		36	39
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Carbazole	360	ug/Kg		150	190
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Carbon Disulfide		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Carbon tetrachloride		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Chlorobenzene		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Chloroethane		ug/Kg	UJ	36	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Chloroform		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Chloromethane		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Chromium	20.0	mg/Kg		0.39	0.39
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Chrysene	1600	ug/Kg	J	120	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	cis-1,2-Dichloroethene		ug/Kg	U	36	250
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	cis-1,3-Dichloropropene		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Cobalt	6.21	mg/Kg		0.39	0.39
15B9 (3-5)	BV83378	SW6010	11/14/2016	10	Copper	170	mg/Kg		3.9	3.9
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Dibenz(a,h)anthracene		ug/Kg	UJ	120	190
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Dibenzofuran	340	ug/Kg		110	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Dibromochloromethane		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Dibromomethane		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Dichlorodifluoromethane		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	120	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	120	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	99	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	UJ	96	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Ethylbenzene	8300	ug/Kg		36	360
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Fluoranthene	6100	ug/Kg		120	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Fluorene	590	ug/Kg		120	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	110	190
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Hexachlorobutadiene		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	130	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	110	190
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene	630	ug/Kg	J	120	260
15B9 (3-5)	BV83378	SW6010	11/14/2016	10	Iron	14800	mg/Kg		39	39



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	100	190
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Isopropylbenzene	2200	ug/Kg		36	360
15B9 (3-5)	BV83378	SW6010	11/14/2016	10	Lead	399	mg/Kg		3.9	7.9
15B9 (3-5)	BV83378	SW8260	11/14/2016	1000	m&p-Xylene	32000	ug/Kg		1400	7200
15B9 (3-5)	BV83378	SW6010	11/14/2016	10	Magnesium	6810	mg/Kg		39	39
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Manganese	135	mg/Kg		0.39	0.39
15B9 (3-5)	BV83378	SW7471	11/14/2016	1	Mercury	0.65	mg/Kg		0.02	0.03
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Methyl Ethyl Ketone		ug/Kg	UJ	360	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Methyl t-butyl ether (MTBE)	99	ug/Kg	J	72	720
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Methylene chloride		ug/Kg	U	360	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Naphthalene	10000	ug/Kg		72	360
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Naphthalene	1000	ug/Kg		110	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	n-Butylbenzene	2700	ug/Kg		36	360
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Nickel	16.6	mg/Kg		0.39	0.39
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	130	190
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	100	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	190
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	n-Propylbenzene	5600	ug/Kg		72	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	o-Xylene	13000	ug/Kg		72	360
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	140	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	140	220
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Phenanthrene	4100	ug/Kg		110	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Phenol		ug/Kg	U	120	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	p-Isopropyltoluene	1100	ug/Kg		36	360
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Potassium	1130	mg/Kg		3.1	8
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Pyrene	5500	ug/Kg		130	260
15B9 (3-5)	BV83378	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	91	260
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	sec-Butylbenzene	1300	ug/Kg		36	360
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.3	1.6
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Silver	0.46	mg/Kg		0.39	0.39
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Sodium	348	mg/Kg		3.4	8
15B9 (3-5)	BV83378	E160.3	11/14/2016	1	SOLIDS, PERCENT	87	%			
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Styrene		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Tert-butyl alcohol		ug/Kg	U	1400	7200
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	tert-Butylbenzene	44	ug/Kg	J	36	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Tetrachloroethene		ug/Kg	U	72	360



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV83365

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Tetrahydrofuran (THF)		ug/Kg	UJ	180	720
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.6	1.6
15B9 (3-5)	BV83378	SW8260	11/14/2016	1000	Toluene	1900	ug/Kg		720	720
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	trans-1,2-Dichloroethene		ug/Kg	U	36	190
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	trans-1,3-Dichloropropene		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	trans-1,4-dichloro-2-butene		ug/Kg	U	180	720
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Trichloroethene		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Trichlorofluoromethane		ug/Kg	U	72	360
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Trichlorotrifluoroethane		ug/Kg	U	36	360
15B9 (3-5)	BV83378	SW6010	11/14/2016	1	Vanadium	39.7	mg/Kg		0.39	0.39
15B9 (3-5)	BV83378	SW8260	11/14/2016	50	Vinyl chloride		ug/Kg	U	36	36
15B9 (3-5)	BV83378	SW6010	11/14/2016	10	Zinc	431	mg/Kg		3.9	7.9
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.88	18
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,1-Dichloroethane		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,1-Dichloroethene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,1-Dichloropropene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,2,4-Trimethylbenzene	0.86	ug/Kg	J	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,2-Dibromoethane		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	100	250
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,2-Dichloroethane		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,2-Dichloropropane		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	110	250
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,3-Dichloropropane		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	110	250



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DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	1,4-dioxane		ug/Kg	U	35	66
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	2,2-Dichloropropane		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	110	180
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	130	180
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	89	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	250	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	100	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	100	250
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	2-Chlorotoluene		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	2-Hexanone		ug/Kg	U	4.4	22
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	2-Isopropyltoluene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	2-Methylnaphthalene		ug/Kg	U	110	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	250	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	230	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	710	360
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	4,4' -DDD		ug/Kg	U	2.2	2.2
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	4,4' -DDE		ug/Kg	U	2.2	2.2
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	4,4' -DDT		ug/Kg	U	2.2	2.2
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	71	210
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	170	290
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	4-Chlorotoluene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	4-Methyl-2-pentanone		ug/Kg	U	4.4	22
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	120	360
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	160	360
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	a-BHC		ug/Kg	U	7.2	7.2
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	110	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	100	250



**1181 FLUSHING AVENUE
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Acetone	53	ug/Kg	J	4.4	22
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	110	250
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	a-Chlordane		ug/Kg	U	3.6	3.6
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Acrolein		ug/Kg	UJ	2.2	18
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Acrylonitrile		ug/Kg	U	0.44	18
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	Aldrin		ug/Kg	U	3.6	3.6
15B9 (10-15)	BV83379	SW6010	11/14/2016	10	Aluminum	4470	mg/Kg		7.0	35
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Aniline		ug/Kg	U	290	290
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Anthracene		ug/Kg	U	120	250
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Antimony		mg/Kg	U	1.8	1.8
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Arsenic	1.96	mg/Kg		0.70	0.70
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Barium	26.0	mg/Kg		0.35	0.7
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	b-BHC		ug/Kg	U	7.2	7.2
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Benz(a)anthracene		ug/Kg	U	120	250
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Benzene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	210	360
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Benzo(a)pyrene		ug/Kg	U	120	180
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Benzo(ghi)perylene		ug/Kg	U	120	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	710	1800
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	U	92	250
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Beryllium	0.21	mg/Kg	J	0.14	0.28
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	99	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	96	180
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	99	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Bromobenzene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Bromochloromethane		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Bromodichloromethane		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Bromoform		ug/Kg	UJ	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Bromomethane		ug/Kg	U	1.8	4.4
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Cadmium		mg/Kg	U	0.35	0.35
15B9 (10-15)	BV83379	SW6010	11/14/2016	10	Calcium	1710	mg/Kg		32	35
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	140	180
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Carbon Disulfide	1.6	ug/Kg	J	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Carbon tetrachloride		ug/Kg	U	0.88	4.4



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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
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	Chlordane		ug/Kg	U	36	36
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Chlorobenzene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Chloroethane		ug/Kg	UJ	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Chloroform		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Chloromethane		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Chromium	15.8	mg/Kg		0.35	0.35
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Chrysene		ug/Kg	U	120	250
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Cobalt	5.26	mg/Kg		0.35	0.35
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Copper	11.1	mg/Kg		0.35	0.35
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	d-BHC		ug/Kg	U	7.2	7.2
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	120	180
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	100	250
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Dibromochloromethane		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Dibromomethane		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	Dieldrin		ug/Kg	U	3.6	3.6
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	110	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	110	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	95	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	92	250
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	Endosulfan I		ug/Kg	U	7.2	7.2
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	Endosulfan II		ug/Kg	U	7.2	7.2
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	Endosulfan sulfate		ug/Kg	U	7.2	7.2
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	Endrin		ug/Kg	U	7.2	7.2
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	Endrin aldehyde		ug/Kg	U	7.2	7.2
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	Endrin ketone		ug/Kg	U	7.2	7.2
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Ethylbenzene	4.4	ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Fluoranthene		ug/Kg	U	120	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	120	250
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	g-BHC		ug/Kg	U	5.0	5.0
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	g-Chlordane		ug/Kg	U	3.6	3.6
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	Heptachlor		ug/Kg	U	7.2	7.2
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	Heptachlor epoxide		ug/Kg	U	7.2	7.2
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	100	180
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	130	250



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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
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Hexachlorobutadiene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	110	180
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
15B9 (10-15)	BV83379	SW6010	11/14/2016	10	Iron	12800	mg/Kg		35	35
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	100	180
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Isopropylbenzene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Lead	2.2	mg/Kg		0.35	0.7
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	m&p-Xylene	4.4	ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Magnesium	1480	mg/Kg		3.5	3.5
15B9 (10-15)	BV83379	SW6010	11/14/2016	10	Manganese	212	mg/Kg		3.5	3.5
15B9 (10-15)	BV83379	SW7471	11/14/2016	1	Mercury		mg/Kg	U	0.02	0.03
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	Methoxychlor		ug/Kg	U	36	36
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Methyl Ethyl Ketone	13	ug/Kg	J	4.4	26
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Methyl t-butyl ether (MTBE)	6.7	ug/Kg	J	0.88	8.8
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Methylene chloride		ug/Kg	U	4.4	4.4
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Naphthalene		ug/Kg	U	100	250
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Naphthalene	2.5	ug/Kg	J	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	n-Butylbenzene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Nickel	10.1	mg/Kg		0.35	0.35
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	130	180
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	n-Propylbenzene		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	o-Xylene		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8082	11/14/2016	2	PCB-1016		ug/Kg	U	72	72
15B9 (10-15)	BV83379	SW8082	11/14/2016	2	PCB-1221		ug/Kg	U	72	72
15B9 (10-15)	BV83379	SW8082	11/14/2016	2	PCB-1232		ug/Kg	U	72	72
15B9 (10-15)	BV83379	SW8082	11/14/2016	2	PCB-1242		ug/Kg	U	72	72
15B9 (10-15)	BV83379	SW8082	11/14/2016	2	PCB-1248		ug/Kg	U	72	72
15B9 (10-15)	BV83379	SW8082	11/14/2016	2	PCB-1254		ug/Kg	U	72	72
15B9 (10-15)	BV83379	SW8082	11/14/2016	2	PCB-1260		ug/Kg	U	72	72
15B9 (10-15)	BV83379	SW8082	11/14/2016	2	PCB-1262		ug/Kg	U	72	72
15B9 (10-15)	BV83379	SW8082	11/14/2016	2	PCB-1268		ug/Kg	U	72	72
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	130	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	140	210



**1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV83365**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Phenanthrene		ug/Kg	U	100	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Phenol		ug/Kg	U	110	250
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	p-Isopropyltoluene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Potassium	671	mg/Kg		2.7	7
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Pyrene		ug/Kg	U	120	250
15B9 (10-15)	BV83379	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	88	250
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	sec-Butylbenzene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.2	1.4
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.35	0.35
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Sodium	147	mg/Kg		3.0	7
15B9 (10-15)	BV83379	E160.3	11/14/2016	1	SOLIDS, PERCENT	91	%			
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Styrene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Tert-butyl alcohol		ug/Kg	U	18	88
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	tert-Butylbenzene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Tetrachloroethene		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Tetrahydrofuran (THF)		ug/Kg	U	2.2	8.8
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.4	1.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Toluene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8081	11/14/2016	2	Toxaphene		ug/Kg	U	140	140
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.2	8.8
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Trichloroethene		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Trichlorofluoromethane		ug/Kg	U	0.88	4.4
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Vanadium	30.5	mg/Kg		0.35	0.35
15B9 (10-15)	BV83379	SW8260	11/14/2016	1	Vinyl chloride		ug/Kg	U	0.44	4.4
15B9 (10-15)	BV83379	SW6010	11/14/2016	1	Zinc	22.0	mg/Kg		0.35	0.7
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.83	17
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,1,2-Trichloroethane		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,1-Dichloroethane		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,1-Dichloroethene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,1-Dichloropropene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.41	4.1



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,2,4-Trimethylbenzene	0.91	ug/Kg	J	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,2-Dibromoethane		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	100	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,2-Dichloroethane		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,2-Dichloropropane		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,3,5-Trimethylbenzene	0.67	ug/Kg	J	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	110	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,3-Dichloropropane		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	110	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	1,4-dioxane		ug/Kg	U	33	62
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	2,2-Dichloropropane		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	110	180
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	130	180
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	89	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	250	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	140	180
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	110	180
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	100	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	100	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	2-Chlorotoluene		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	2-Hexanone		ug/Kg	U	4.1	21
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	2-Isopropyltoluene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	2-Methylnaphthalene		ug/Kg	U	110	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	250	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	230	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	180



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BROOKLYN, NY
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 3	BV83380	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	720	360
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	4,4' -DDD		ug/Kg	U	2.2	2.2
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	4,4' -DDE		ug/Kg	U	4.0	4.0
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	4,4' -DDT		ug/Kg	UJ	15	15
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	72	210
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	170	290
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	4-Chlorotoluene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	4-Methyl-2-pentanone		ug/Kg	U	4.1	21
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	120	360
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	160	360
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	a-BHC		ug/Kg	U	7.2	7.2
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	110	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	100	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Acetone		ug/Kg	UJ	4.1	21
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	110	250
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	a-Chlordane		ug/Kg	U	3.6	3.6
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Acrolein		ug/Kg	UJ	2.1	17
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Acrylonitrile		ug/Kg	U	0.41	17
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	Aldrin		ug/Kg	U	3.6	3.6
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	10	Aluminum	8170	mg/Kg		7.5	38
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Aniline		ug/Kg	U	290	290
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Anthracene	210	ug/Kg	J	120	250
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Antimony		mg/Kg	U	1.9	1.9
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Arsenic	6.36	mg/Kg		0.75	0.75
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Barium	113	mg/Kg		0.38	0.8
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	b-BHC		ug/Kg	U	7.2	7.2
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Benz(a)anthracene	980	ug/Kg		120	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Benzene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	210	360
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Benzo(a)pyrene	930	ug/Kg		120	180
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Benzo(b)fluoranthene	730	ug/Kg		120	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Benzo(ghi)perylene	590	ug/Kg		120	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Benzo(k)fluoranthene	730	ug/Kg		120	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	720	1800



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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 3	BV83380	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	U	92	250
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Beryllium	0.41	mg/Kg		0.15	0.30
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	99	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	97	180
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	99	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Bromobenzene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Bromochloromethane		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Bromodichloromethane		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Bromoform		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Bromomethane		ug/Kg	U	1.7	4.1
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Cadmium	0.58	mg/Kg		0.38	0.38
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Calcium	6690	mg/Kg		3.5	3.8
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	140	180
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Carbon Disulfide		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Carbon tetrachloride		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	Chlordane		ug/Kg	U	36	36
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Chlorobenzene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Chloroethane		ug/Kg	UJ	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Chloroform		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Chloromethane		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Chromium	20.2	mg/Kg		0.38	0.38
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Chrysene	1100	ug/Kg		120	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Cobalt	7.23	mg/Kg		0.38	0.38
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Copper	73.7	mg/Kg		0.38	0.38
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	d-BHC		ug/Kg	U	7.2	7.2
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Dibenz(a,h)anthracene	140	ug/Kg	J	120	180
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	100	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Dibromochloromethane		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Dibromomethane		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	Dieldrin		ug/Kg	U	3.6	3.6
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	110	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	110	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	95	250



**1181 FLUSHING AVENUE
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DATA SUMMARY TABLE
SOIL
SDG: GBV83365**

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	92	250
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	Endosulfan I		ug/Kg	U	7.2	7.2
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	Endosulfan II		ug/Kg	U	7.2	7.2
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	Endosulfan sulfate		ug/Kg	U	7.2	7.2
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	Endrin		ug/Kg	U	7.2	7.2
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	Endrin aldehyde		ug/Kg	U	7.2	7.2
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	Endrin ketone		ug/Kg	U	7.2	7.2
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Ethylbenzene	4.1	ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Fluoranthene	1900	ug/Kg		120	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	120	250
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	g-BHC		ug/Kg	U	1.4	1.4
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	g-Chlordane		ug/Kg	U	3.6	3.6
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	Heptachlor		ug/Kg	U	7.2	7.2
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	Heptachlor epoxide		ug/Kg	U	7.2	7.2
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	100	180
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Hexachlorobutadiene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	130	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	110	180
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene	610	ug/Kg		120	250
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	10	Iron	19800	mg/Kg		38	38
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	100	180
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Isopropylbenzene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	10	Lead	243	mg/Kg		3.8	7.5
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	m&p-Xylene	4.1	ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Magnesium	2120	mg/Kg		3.8	3.8
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	10	Manganese	386	mg/Kg		3.8	3.8
SOIL DUPLICATE 3	BV83380	SW7471	11/14/2016	1	Mercury	1.04	mg/Kg		0.02	0.03
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	Methoxychlor		ug/Kg	U	36	36
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	4.1	25
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.83	8.3
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Methylene chloride		ug/Kg	U	4.1	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Naphthalene	0.97	ug/Kg	J	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Naphthalene		ug/Kg	U	100	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	n-Butylbenzene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Nickel	15.1	mg/Kg		0.38	0.38
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	130	180



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	180
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	n-Propylbenzene		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	o-Xylene		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8082	11/14/2016	2	PCB-1016		ug/Kg	U	72	72
SOIL DUPLICATE 3	BV83380	SW8082	11/14/2016	2	PCB-1221		ug/Kg	U	72	72
SOIL DUPLICATE 3	BV83380	SW8082	11/14/2016	2	PCB-1232		ug/Kg	U	72	72
SOIL DUPLICATE 3	BV83380	SW8082	11/14/2016	2	PCB-1242		ug/Kg	U	72	72
SOIL DUPLICATE 3	BV83380	SW8082	11/14/2016	2	PCB-1248		ug/Kg	U	72	72
SOIL DUPLICATE 3	BV83380	SW8082	11/14/2016	2	PCB-1254		ug/Kg	U	72	72
SOIL DUPLICATE 3	BV83380	SW8082	11/14/2016	2	PCB-1260		ug/Kg	U	72	72
SOIL DUPLICATE 3	BV83380	SW8082	11/14/2016	2	PCB-1262		ug/Kg	U	72	72
SOIL DUPLICATE 3	BV83380	SW8082	11/14/2016	2	PCB-1268		ug/Kg	U	72	72
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	130	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	140	210
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Phenanthrene	1000	ug/Kg		100	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Phenol		ug/Kg	U	110	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	p-Isopropyltoluene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Potassium	1120	mg/Kg		2.9	8
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Pyrene	1900	ug/Kg		120	250
SOIL DUPLICATE 3	BV83380	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	88	250
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	sec-Butylbenzene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.3	1.5
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.38	0.38
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Sodium	230	mg/Kg		3.2	8
SOIL DUPLICATE 3	BV83380	E160.3	11/14/2016	1	SOLIDS, PERCENT	92	%			
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Styrene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Tert-butyl alcohol		ug/Kg	U	17	83
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	tert-Butylbenzene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Tetrachloroethene		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Tetrahydrofuran (THF)		ug/Kg	UJ	2.1	8.3
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.5	1.5
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Toluene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8081	11/14/2016	2	Toxaphene		ug/Kg	U	140	140
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.41	4.1



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.1	8.3
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Trichloroethene		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Trichlorofluoromethane		ug/Kg	U	0.83	4.1
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	1	Vanadium	25.0	mg/Kg		0.38	0.38
SOIL DUPLICATE 3	BV83380	SW8260	11/14/2016	1	Vinyl chloride		ug/Kg	U	0.41	4.1
SOIL DUPLICATE 3	BV83380	SW6010	11/14/2016	10	Zinc	160	mg/Kg		3.8	7.5
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	52	1000
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,1,1-Trichloroethane		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,1,2-Trichloroethane		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,1-Dichloroethane		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,1-Dichloroethene		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,1-Dichloropropene		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,2,3-Trichlorobenzene		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,2,3-Trichloropropane		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,2,4-Trichlorobenzene		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	1000	1,2,4-Trimethylbenzene	17000	ug/Kg	J	520	3600
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,2-Dibromoethane		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,2-Dichlorobenzene		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	UJ	110	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,2-Dichloroethane		ug/Kg	U	26	26
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,2-Dichloropropane		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,3,5-Trimethylbenzene	5200	ug/Kg	J	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,3-Dichlorobenzene		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	UJ	120	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,3-Dichloropropane		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,4-Dichlorobenzene		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	UJ	120	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	1,4-dioxane		ug/Kg	U	2100	2100
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	2,2-Dichloropropane		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	2,4,6-Trichlorophenol		ug/Kg	U	130	200



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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	2,4-Dichlorophenol		ug/Kg	U	140	200
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	2,4-Dimethylphenol		ug/Kg	U	100	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	2,4-Dinitrophenol		ug/Kg	UJ	280	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	2,4-Dinitrotoluene		ug/Kg	U	160	200
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	2,6-Dinitrotoluene		ug/Kg	U	130	200
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	2-Chloronaphthalene		ug/Kg	U	110	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	2-Chlorophenol		ug/Kg	U	110	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	2-Chlorotoluene		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	2-Hexanone		ug/Kg	U	260	1300
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	2-Isopropyltoluene	100	ug/Kg	J	26	260
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	2-Methylnaphthalene	1100	ug/Kg		120	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	2-Nitroaniline		ug/Kg	U	280	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	2-Nitrophenol		ug/Kg	U	260	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	200
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	3-Nitroaniline		ug/Kg	U	810	400
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	4,4' -DDD		ug/Kg	U	2.4	2.4
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	4,4' -DDE		ug/Kg	U	2.4	2.4
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	4,4' -DDT		ug/Kg	U	2.4	2.4
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	81	240
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	4-Chloroaniline		ug/Kg	U	190	320
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	4-Chlorophenyl phenyl ether		ug/Kg	U	140	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	4-Chlorotoluene		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	4-Methyl-2-pentanone		ug/Kg	U	260	1300
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	4-Nitroaniline		ug/Kg	U	130	400
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	4-Nitrophenol		ug/Kg	U	180	400
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	a-BHC		ug/Kg	U	8.2	8.2
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Acenaphthene		ug/Kg	U	120	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Acenaphthylene		ug/Kg	U	110	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Acetone	400	ug/Kg	J	260	260
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Acetophenone		ug/Kg	U	130	280
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	a-Chlordane		ug/Kg	U	4.1	4.1
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Acrolein		ug/Kg	UJ	130	1000
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Acrylonitrile		ug/Kg	U	26	1000



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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 4	BV83381	SW8081	11/14/2016	2	Aldrin		ug/Kg	U	4.1	4.1
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	10	Aluminum	6770	mg/Kg		7.4	37
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Aniline		ug/Kg	U	320	320
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Anthracene		ug/Kg	U	130	280
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Antimony		mg/Kg	U	1.9	1.9
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Arsenic	1.33	mg/Kg		0.74	0.74
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Barium	40.3	mg/Kg		0.37	0.7
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	b-BHC		ug/Kg	U	8.2	8.2
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Benz(a)anthracene		ug/Kg	U	140	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Benzene		ug/Kg	U	26	60
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Benzidine		ug/Kg	UJ	240	400
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Benzo(a)pyrene		ug/Kg	U	130	200
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Benzo(b)fluoranthene		ug/Kg	U	140	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Benzo(ghi)perylene		ug/Kg	U	130	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Benzoic acid		ug/Kg	R	810	2000
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Benzyl butyl phthalate		ug/Kg	U	100	280
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Beryllium	0.28	mg/Kg	J	0.15	0.30
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	200
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Bromobenzene		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Bromochloromethane		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Bromodichloromethane		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Bromoform		ug/Kg	UJ	52	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Bromomethane		ug/Kg	U	100	260
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Cadmium		mg/Kg	U	0.37	0.37
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	10	Calcium	1090	mg/Kg		34	37
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Carbazole		ug/Kg	U	160	200
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Carbon Disulfide		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Carbon tetrachloride		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	Chlordane		ug/Kg	U	41	41
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Chlorobenzene		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Chloroethane		ug/Kg	UJ	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Chloroform		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Chloromethane		ug/Kg	U	52	260



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BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV83365

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Chromium	16.7	mg/Kg		0.37	0.37
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Chrysene		ug/Kg	U	140	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	cis-1,2-Dichloroethene		ug/Kg	U	26	250
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	cis-1,3-Dichloropropene		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Cobalt	7.22	mg/Kg		0.37	0.37
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Copper	11.6	mg/Kg		0.37	0.37
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	d-BHC		ug/Kg	U	8.2	8.2
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Dibenz(a,h)anthracene		ug/Kg	U	130	200
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Dibenzofuran		ug/Kg	U	120	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Dibromochloromethane		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Dibromomethane		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Dichlorodifluoromethane		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	Dieldrin		ug/Kg	U	4.1	4.1
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Diethyl phthalate		ug/Kg	U	130	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Dimethylphthalate		ug/Kg	U	130	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Di-n-butylphthalate		ug/Kg	U	110	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Di-n-octylphthalate		ug/Kg	U	100	280
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	Endosulfan I		ug/Kg	U	8.2	8.2
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	Endosulfan II		ug/Kg	U	8.2	8.2
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	Endosulfan sulfate		ug/Kg	U	8.2	8.2
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	Endrin		ug/Kg	U	8.2	8.2
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	Endrin aldehyde		ug/Kg	U	8.2	8.2
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	Endrin ketone		ug/Kg	U	8.2	8.2
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Ethylbenzene	3200	ug/Kg	J	26	260
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Fluoranthene		ug/Kg	U	130	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Fluorene		ug/Kg	U	130	280
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	g-BHC		ug/Kg	U	1.6	1.6
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	g-Chlordane		ug/Kg	U	4.1	4.1
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	Heptachlor		ug/Kg	U	8.2	8.2
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	Heptachlor epoxide		ug/Kg	U	8.2	8.2
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Hexachlorobenzene		ug/Kg	U	120	200
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Hexachlorobutadiene		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Hexachlorobutadiene		ug/Kg	UJ	150	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Hexachloroethane		ug/Kg	U	120	200
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	10	Iron	15000	mg/Kg	J	37	37



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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 4	BV83381	SW8270	11/14/2016	1	Isophorone		ug/Kg	U	110	200
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Isopropylbenzene	1600	ug/Kg	J	26	260
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Lead	2.8	mg/Kg		0.37	0.7
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	m&p-Xylene	2500	ug/Kg	J	52	260
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Magnesium	2640	mg/Kg		3.7	3.7
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	10	Manganese	337	mg/Kg		3.7	3.7
SOIL DUPLICATE 4	BV83381	SW7471	11/14/2016	1	Mercury		mg/Kg	U	0.02	0.03
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	Methoxychlor		ug/Kg	U	41	41
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Methyl Ethyl Ketone		ug/Kg	UJ	260	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	52	520
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Methylene chloride		ug/Kg	U	260	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Naphthalene	3000	ug/Kg	J	52	260
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Naphthalene	1900	ug/Kg		120	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	n-Butylbenzene	1700	ug/Kg	J	26	260
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Nickel	13.2	mg/Kg		0.37	0.37
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Nitrobenzene		ug/Kg	U	140	200
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	200
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	1000	n-Propylbenzene	6100	ug/Kg	J	1000	3900
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	o-Xylene		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8082	11/14/2016	2	PCB-1016		ug/Kg	U	82	82
SOIL DUPLICATE 4	BV83381	SW8082	11/14/2016	2	PCB-1221		ug/Kg	U	82	82
SOIL DUPLICATE 4	BV83381	SW8082	11/14/2016	2	PCB-1232		ug/Kg	U	82	82
SOIL DUPLICATE 4	BV83381	SW8082	11/14/2016	2	PCB-1242		ug/Kg	U	82	82
SOIL DUPLICATE 4	BV83381	SW8082	11/14/2016	2	PCB-1248		ug/Kg	U	82	82
SOIL DUPLICATE 4	BV83381	SW8082	11/14/2016	2	PCB-1254		ug/Kg	U	82	82
SOIL DUPLICATE 4	BV83381	SW8082	11/14/2016	2	PCB-1260		ug/Kg	U	82	82
SOIL DUPLICATE 4	BV83381	SW8082	11/14/2016	2	PCB-1262		ug/Kg	U	82	82
SOIL DUPLICATE 4	BV83381	SW8082	11/14/2016	2	PCB-1268		ug/Kg	U	82	82
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Pentachloronitrobenzene		ug/Kg	U	150	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Pentachlorophenol		ug/Kg	UJ	150	240
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Phenanthrene		ug/Kg	U	120	280
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Phenol		ug/Kg	U	130	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	p-Isopropyltoluene	510	ug/Kg	J	26	260
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Potassium	1410	mg/Kg		2.9	7
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Pyrene		ug/Kg	U	140	280



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DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE 4	BV83381	SW8270	11/14/2016	1	Pyridine		ug/Kg	UJ	99	280
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	sec-Butylbenzene	800	ug/Kg	J	26	260
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Selenium		mg/Kg	U	1.3	1.5
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Silver		mg/Kg	U	0.37	0.37
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Sodium	303	mg/Kg		3.2	7
SOIL DUPLICATE 4	BV83381	E160.3	11/14/2016	1	SOLIDS, PERCENT	81	%			
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Styrene		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Tert-butyl alcohol		ug/Kg	U	1000	5200
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	tert-Butylbenzene	51	ug/Kg	J	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Tetrachloroethene		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Tetrahydrofuran (THF)		ug/Kg	UJ	130	520
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Thallium		mg/Kg	U	1.5	1.5
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Toluene		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8081	11/14/2016	2	Toxaphene		ug/Kg	U	160	160
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	trans-1,2-Dichloroethene		ug/Kg	U	26	190
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	trans-1,3-Dichloropropene		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	trans-1,4-dichloro-2-butene		ug/Kg	U	130	520
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Trichloroethene		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Trichlorofluoromethane		ug/Kg	U	52	260
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Trichlorotrifluoroethane		ug/Kg	U	26	260
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Vanadium	25.1	mg/Kg		0.37	0.37
SOIL DUPLICATE 4	BV83381	SW8260	11/14/2016	50	Vinyl chloride		ug/Kg	U	26	26
SOIL DUPLICATE 4	BV83381	SW6010	11/14/2016	1	Zinc	30.3	mg/Kg		0.37	0.7
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	50	1000
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,1,1-Trichloroethane		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,1,2-Trichloroethane		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,1-Dichloroethane		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,1-Dichloroethene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,1-Dichloropropene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,2,3-Trichlorobenzene		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,2,3-Trichloropropane		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,2,4-Trichlorobenzene		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,2,4-Trimethylbenzene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,2-Dibromoethane		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,2-Dichlorobenzene		ug/Kg	U	25	250



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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
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,2-Dichloroethane		ug/Kg	U	25	25
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,2-Dichloropropane		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,3,5-Trimethylbenzene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,3-Dichlorobenzene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,3-Dichloropropane		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,4-Dichlorobenzene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	1,4-dioxane		ug/Kg	U	2000	2000
BV83382-TB	BV83382	SW8260	11/14/2016	50	2,2-Dichloropropane		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	2-Chlorotoluene		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	2-Hexanone		ug/Kg	U	250	1300
BV83382-TB	BV83382	SW8260	11/14/2016	50	2-Isopropyltoluene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	4-Chlorotoluene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	4-Methyl-2-pentanone		ug/Kg	U	250	1300
BV83382-TB	BV83382	SW8260	11/14/2016	50	Acetone		ug/Kg	UJ	250	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Acrolein		ug/Kg	UJ	130	1000
BV83382-TB	BV83382	SW8260	11/14/2016	50	Acrylonitrile		ug/Kg	U	25	1000
BV83382-TB	BV83382	SW8260	11/14/2016	50	Benzene		ug/Kg	U	25	60
BV83382-TB	BV83382	SW8260	11/14/2016	50	Bromobenzene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Bromochloromethane		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Bromodichloromethane		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Bromoform		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Bromomethane		ug/Kg	U	100	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Carbon Disulfide		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Carbon tetrachloride		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Chlorobenzene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Chloroethane		ug/Kg	UJ	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Chloroform		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Chloromethane		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	cis-1,2-Dichloroethene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	cis-1,3-Dichloropropene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Dibromochloromethane		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Dibromomethane		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Dichlorodifluoromethane		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Ethylbenzene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Hexachlorobutadiene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Isopropylbenzene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	m&p-Xylene		ug/Kg	U	50	250



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV83365

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
BV83382-TB	BV83382	SW8260	11/14/2016	50	Methyl Ethyl Ketone		ug/Kg	UJ	250	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	50	500
BV83382-TB	BV83382	SW8260	11/14/2016	50	Methylene chloride		ug/Kg	U	250	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Naphthalene		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	n-Butylbenzene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	n-Propylbenzene		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	o-Xylene		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	p-Isopropyltoluene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	sec-Butylbenzene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Styrene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Tert-butyl alcohol		ug/Kg	U	1000	5000
BV83382-TB	BV83382	SW8260	11/14/2016	50	tert-Butylbenzene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Tetrachloroethene		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Tetrahydrofuran (THF)		ug/Kg	UJ	130	500
BV83382-TB	BV83382	SW8260	11/14/2016	50	Toluene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	trans-1,2-Dichloroethene		ug/Kg	U	25	190
BV83382-TB	BV83382	SW8260	11/14/2016	50	trans-1,3-Dichloropropene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	trans-1,4-dichloro-2-butene		ug/Kg	U	130	500
BV83382-TB	BV83382	SW8260	11/14/2016	50	Trichloroethene		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Trichlorofluoromethane		ug/Kg	U	50	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Trichlorotrifluoroethane		ug/Kg	U	25	250
BV83382-TB	BV83382	SW8260	11/14/2016	50	Vinyl chloride		ug/Kg	U	25	25
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,1,1-Trichloroethane		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,1-Dichloroethene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,1-Dichloropropene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,2,3-Trichloropropane		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,2-Dibromoethane		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,2-Dichlorobenzene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,2-Dichloroethane		ug/Kg	U	0.50	5.0



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV83365

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,3-Dichlorobenzene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,4-Dichlorobenzene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	1,4-dioxane		ug/Kg	U	40	75
BV83383-TB	BV83383	SW8260	11/14/2016	1	2,2-Dichloropropane		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	2-Chlorotoluene		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	2-Hexanone		ug/Kg	U	5.0	25
BV83383-TB	BV83383	SW8260	11/14/2016	1	2-Isopropyltoluene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	4-Chlorotoluene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	4-Methyl-2-pentanone		ug/Kg	U	5.0	25
BV83383-TB	BV83383	SW8260	11/14/2016	1	Acetone	6.3	ug/Kg	J	5.0	25
BV83383-TB	BV83383	SW8260	11/14/2016	1	Acrolein		ug/Kg	UJ	2.5	20
BV83383-TB	BV83383	SW8260	11/14/2016	1	Acrylonitrile		ug/Kg	U	0.50	20
BV83383-TB	BV83383	SW8260	11/14/2016	1	Benzene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Bromobenzene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Bromochloromethane		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Bromodichloromethane		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Bromoform		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Bromomethane		ug/Kg	U	2.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Carbon Disulfide		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Carbon tetrachloride		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Chlorobenzene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Chloroethane		ug/Kg	UJ	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Chloroform		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Chloromethane		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	cis-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	cis-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Dibromochloromethane		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Dibromomethane		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Dichlorodifluoromethane		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Ethylbenzene	0.71	ug/Kg	J	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Hexachlorobutadiene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Isopropylbenzene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	m&p-Xylene	1.6	ug/Kg	J	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Methyl Ethyl Ketone		ug/Kg	UJ	5.0	30



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBV83365

Sample Name	Lab ID	Analytical Method	Collection Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
BV83383-TB	BV83383	SW8260	11/14/2016	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
BV83383-TB	BV83383	SW8260	11/14/2016	1	Methylene chloride		ug/Kg	U	5.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Naphthalene		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	n-Butylbenzene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	n-Propylbenzene		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	o-Xylene		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	p-Isopropyltoluene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	sec-Butylbenzene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Styrene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Tert-butyl alcohol		ug/Kg	U	20	100
BV83383-TB	BV83383	SW8260	11/14/2016	1	tert-Butylbenzene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Tetrachloroethene		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Tetrahydrofuran (THF)		ug/Kg	UJ	2.5	10
BV83383-TB	BV83383	SW8260	11/14/2016	1	Toluene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	trans-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	trans-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	10
BV83383-TB	BV83383	SW8260	11/14/2016	1	Trichloroethene		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Trichlorotrifluoroethane		ug/Kg	U	0.50	5.0
BV83383-TB	BV83383	SW8260	11/14/2016	1	Vinyl chloride		ug/Kg	U	0.50	5.0

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

Project Name: 1181 Flushing Avenue
Location: Brooklyn, New York
Project Number: 3020-026
SDG #: GBV86876
Client: Environmental Business Consultants
Date: 02/16/2017
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for nine (9) air samples analyzed for Volatiles by TO-15 in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/16/2016. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/17/2016 for analysis.
3. The USEPA Region-II SOP # HW-31, Revision 4, October 2006, 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.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (see discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
SG6	BV86876	11/16/16	VOA	Air	
SG4	BV86877	11/16/16	VOA	Air	
SG3	BV86878	11/16/16	VOA	Air	
SG9	BV86879	11/16/16	VOA	Air	
SG7	BV86880	11/16/16	VOA	Air	
SG8	BV86881	11/16/16	VOA	Air	
SG5	BV86882	11/16/16	VOA	Air	
SG2	BV86883	11/16/16	VOA	Air	
SG1	BV86884	11/16/16	VOA	Air	

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All air samples were analyzed within the method holding time for summa canisters (30 days). No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration (IC):

1. Initial calibration (IC) curve analyzed on 11/14/2016 (Chem20) exhibited acceptable %RSDs ($\leq 30.0\%$) for all compounds and average RRF values (≥ 0.050) for all compounds with the exception of some compounds listed in section 15.5, Page 13 in SOP # HW-31, were ≥ 0.01 with the following exception(s):

Compound	%RSD
n-Butylbenzene (sim)	33.41
1,2,4-Trichlorobenzene (sim)	35.22

Client Sample ID	Laboratory Sample ID	Compound	Action
SG9	BV86879	None	None
SG7	BV86880	None	None
SG8	BV86881	None	None

2. Initial calibration (IC) curve analyzed on 11/27/2016 (Chem20) exhibited acceptable %RSDs ($\leq 30.0\%$) for all compounds and average RRF values (≥ 0.050) for all compounds with the exception of some compounds listed in section 15.5, Page 13 in SOP # HW-31, were ≥ 0.01 with the following exception(s):

Compound	%RSD
Benzyl chloride	36.96
1,2,4-Trichlorobenzene	21.59
n-Butylbenzene (sim)	34.64

Client Sample ID	Laboratory Sample ID	Compound	Action
SG9 DL 270	BV86879	Benzyl chloride, n-Butylbenzene, 1,2,4-Trichlorobenzene	UJ J
SG7 DL 300	BV86880	Benzyl chloride, n-Butylbenzene, 1,2,4-Trichlorobenzene	UJ
SG8 DL 150	BV86881	Benzyl chloride, n-Butylbenzene, 1,2,4-Trichlorobenzene	UJ
SG5 DL 270	BV86882	Benzyl chloride, n-Butylbenzene, 1,2,4-Trichlorobenzene	UJ

3. Initial calibration (IC) curve analyzed on 11/10/2016 (Chem25) exhibited acceptable %RSDs ($\leq 30.0\%$) for all compounds and average RRF values (≥ 0.050) for all compounds with the exception of some compounds listed in section 15.5, Page 13 in SOP # HW-31, were ≥ 0.01 with the following exception(s):

Compound	%RSD
Methyl Ethyl Ketone	37.42
1,2,4-Trichlorobenzene (sim)	33.30

Client Sample ID	Laboratory Sample ID	Compound	Action
SG4	BV86877	Methyl Ethyl Ketone	None

Client Sample ID	Laboratory Sample ID	Compound	Action
		1,2,4-Trichlorobenzene	J
SG5 10	BV86882	Methyl Ethyl Ketone 1,2,4-Trichlorobenzene	None UJ
SG4 DL 100	BV86877	Methyl Ethyl Ketone 1,2,4-Trichlorobenzene	J None
SG1 DL 10	BV86884	Methyl Ethyl Ketone 1,2,4-Trichlorobenzene	None
SG3	BV86878	Methyl Ethyl Ketone 1,2,4-Trichlorobenzene	None UJ
SG2	BV86883	Methyl Ethyl Ketone 1,2,4-Trichlorobenzene	UJ
SG1	BV86884	Methyl Ethyl Ketone 1,2,4-Trichlorobenzene	J
SG6 DL 92.5	BV86876	Methyl Ethyl Ketone 1,2,4-Trichlorobenzene	None
SG3 DL 10	BV86878	Methyl Ethyl Ketone 1,2,4-Trichlorobenzene	J None
SG6 18.5	BV86876	Methyl Ethyl Ketone 1,2,4-Trichlorobenzene	J UJ
SG5 DL 75	BV86882	Methyl Ethyl Ketone 1,2,4-Trichlorobenzene	J None

Continuing Calibration Verification (CCV):

- CCV analyzed on 11/23/2016 @ 08:35 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
Styrene (sim)	-34.5
o-Xylene (sim)	-31.9
Benzyl chloride (sim)	-33.3
1,2,4-Trichlorobenzene (sim)	-39.1

Client Sample ID	Laboratory Sample ID	Compound	Action
SG9	BV86879	None	None
SG7	BV86880	None	None
SG8	BV86881	None	None

- CCV analyzed on 11/23/2016 @ 09:07 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds. No qualifications were required.

3. CCV analyzed on 11/24/2016 @ 06:20 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
1,2,4-Trichlorobenzene (sim)	-33.0

Client Sample ID	Laboratory Sample ID	Compound	Action
SG9	BV86879	None	None
SG7	BV86880	None	None
SG8	BV86881	None	None

4. CCV analyzed on 11/24/2016 @ 06:53 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds. No qualifications were required.
5. CCV analyzed on 11/28/2016 @ 20:39 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds. No qualifications were required.
6. CCV analyzed on 11/28/2016 @ 21:12 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds. No qualifications were required.
7. CCV analyzed on 11/17/2016 @ 13:00 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds. No qualifications were required.
8. CCV analyzed on 11/17/2016 @ 13:31 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
1,4-Dioxane	92.8

Client Sample ID	Laboratory Sample ID	Compound	Action
SG4	BV86877	1,4-Dioxane	UJ
SG5 10	BV86882	1,4-Dioxane	UJ
SG4 DL 100	BV86877	None	None
SG1 DL 10	BV86884	None	None

9. CCV analyzed on 11/18/2016 @ 07:42 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
1,4-Dioxane ⁽¹⁾	47.4

(1) Results were previously qualified due to initial CCV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
SG4	BV86877	1,4-Dioxane	UJ
SG5 10	BV86882	1,4-Dioxane	UJ
SG4 DL 100	BV86877	None	None
SG1 DL 10	BV86884	None	None

10. CCV analyzed on 11/18/2016 @ 08:13 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
1,4-Dioxane ⁽¹⁾	93.5

- (1) Results were previously qualified due to initial CCV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
SG4	BV86877	1,4-Dioxane	UJ
SG5 10	BV86882	1,4-Dioxane	UJ
SG4 DL 100	BV86877	None	None
SG1 DL 10	BV86884	None	None

11. CCV analyzed on 11/20/2016 @ 22:16 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
1,4-Dioxane ⁽¹⁾	36.4

- (1) Results were previously qualified due to initial CCV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
SG3	BV86878	1,4-Dioxane	UJ
SG2	BV86883	1,4-Dioxane	UJ
SG1	BV86884	1,4-Dioxane	UJ
SG6 DL 92.5	BV86876	1,4-Dioxane	None
SG3 DL 10	BV86878	1,4-Dioxane	None
SG6 18.5	BV86876	1,4-Dioxane	UJ
SG5 DL 75	BV86882	1,4-Dioxane	None

12. CCV analyzed on 11/20/2016 @ 22:48 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds. No qualifications were required.

Surrogates:

1. 4-Bromofluorobenzene (BFB) surrogate spike recovered within the laboratory control limits (60-140%). No qualifications were required.

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all three internal standards within the QC limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB), Equipment Blank (EB) and Canister Certification:

1. Method Blank (BLANK BV86444) analyzed on 11/17/16 was free of contamination. No qualifications were required.
2. Method Blank (BLANK BV86878) analyzed on 11/21/16 was free of contamination. No qualifications were required.
3. Method Blank (BLANK BV89467) analyzed on 11/23/16 was free of contamination. No qualifications were required.
4. Method Blank (BLANK BV90730) analyzed on 11/28/16 was free of contamination. No qualifications were required.
5. Canister Certification Check:

Laboratory Sample ID	Date Analyzed	Compound	Result (ppbv)	Certification Contamination Level (5x)* (ppbv)	Sample Affected	Canister ID #	Action
BLK 963	10/31/16	Ethanol	0.810	4.05	SG1	13644	None
					SG4	156	
					SG8	19884	
					SG6	21339	
					SG9	21357	
					SG7	224	
					SG3	496	
		Acetone	0.590	2.95	SG1	13644	None
					SG4	156	
					SG8	19884	
					SG6	21339	
					SG9	21357	



Laboratory Sample ID	Date Analyzed	Compound	Result (ppbv)	Certification Contamination Level (5x)* (ppbv)	Sample Affected	Canister ID #	Action
					SG7 SG3	224 496	
BLK 964	11/03/16	Ethanol	0.600	3.0	SG2 SG5	13650 357	None

*= If sample concentration less than the certification contamination level (CCL), then sample result qualified as non-detect (U). If sample concentration greater than the certification contamination level (CCL) or sample result was not detected, no qualifications/action required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample (LCS BV86444) was analyzed on 11/17/2016. All %RECs were within the laboratory control limits with the following exceptions(s):

Compound	%R	Sample Affected	Action
Methyl Ethyl Ketone	135	SG4 DL SG1 DL, SG4, SG5	J None
1,2,4-Trichlorobenzene	134	SG4, SG5, SG4 DL, SG1 DL	None

2. Laboratory Control Sample (LCS BV86878) was analyzed on 11/21/2016. All %RECs were within the laboratory control limits. No qualifications were required.
3. Laboratory Control Sample (LCS BV89467) was analyzed on 11/23/2016. All %RECs were within the laboratory control limits with the following exceptions(s):

Compound	%R	Sample Affected	Action
Ethanol	59	SG9, SG7, SG8	None
1,2,4-Trichlorobenzene	142	SG9, SG7, SG8	None

4. Laboratory Control Sample (LCS BV90730) was analyzed on 11/28/2016. All %RECs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. A field duplicate pair was not submitted with this SDG.

Target Compound Identification:

1. All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).
2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range with the following exception(s):

Client Sample ID	Laboratory Sample ID	Compound	Action
SG4	BV86877	Ethanol	J

2. Manual Calculation:

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

SG4 (B86877)

Toluene

Result (ppbv) = 15.2

Molecular Weight @ 25°C=92.14

DF = 1

$$\text{Concentration } (\mu\text{g}/\text{m}^3) = \frac{15.2 \times 92.14 \times 1}{24.46} = 57.26\mu\text{g}/\text{m}^3$$

Compound	Laboratory ($\mu\text{g}/\text{m}^3$)	Validation ($\mu\text{g}/\text{m}^3$)	%D
Toluene	57.2	57.2	0.0

Comments:

1. Volatile data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBV86876.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBV86876.



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBV86876

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG1	BV86884	TO15	11/18/16	10	Acetone	170	ug/m3		10.0
SG1	BV86884	TO15	11/21/16	1	Ethylbenzene	1.74	ug/m3		1.00
SG1	BV86884	TO15	11/21/16	1	Styrene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Benzyl chloride		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	1,2,4-Trimethylbenzene	1.24	ug/m3	J	1.00
SG1	BV86884	TO15	11/21/16	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	1,3-Butadiene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	1,2-Dichloroethane		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Acrylonitrile		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Toluene	4.29	ug/m3		1.00
SG1	BV86884	TO15	11/21/16	1	Chlorobenzene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Tetrahydrofuran		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Hexane	1.14	ug/m3		1.00
SG1	BV86884	TO15	11/21/16	1	Cyclohexane	1.02	ug/m3		1.00
SG1	BV86884	TO15	11/21/16	1	Propylene	2.61	ug/m3		1.00
SG4	BV86877	TO15	11/17/16	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	1,4-Dioxane		ug/m3	UJ	1.00
SG1	BV86884	TO15	11/21/16	1	Dibromochloromethane		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Tetrachloroethene	7.93	ug/m3		0.25
SG1	BV86884	TO15	11/21/16	1	sec-Butylbenzene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Ethyl acetate		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Heptane	2.63	ug/m3		1.00
SG1	BV86884	TO15	11/21/16	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	m,p-Xylene	5.90	ug/m3		1.00
SG1	BV86884	TO15	11/21/16	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Carbon Tetrachloride		ug/m3	U	0.25
SG1	BV86884	TO15	11/21/16	1	2-Hexanone(MBK)		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	4-Ethyltoluene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Ethanol	20.1	ug/m3		1.00



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBV86876

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG1	BV86884	TO15	11/21/16	1	Isopropylalcohol	1.91	ug/m3		1.00
SG1	BV86884	TO15	11/21/16	1	Chloroform	2.73	ug/m3		1.00
SG1	BV86884	TO15	11/21/16	1	Benzene	1.16	ug/m3		1.00
SG1	BV86884	TO15	11/21/16	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Bromomethane		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Chloromethane		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Chloroethane		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Vinyl Chloride		ug/m3	U	0.25
SG1	BV86884	TO15	11/21/16	1	Methylene Chloride		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Carbon Disulfide	1.60	ug/m3		1.00
SG1	BV86884	TO15	11/21/16	1	Bromoform		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Bromodichloromethane		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	1,1-Dichloroethane		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	1,1-Dichloroethene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Trichlorofluoromethane	25.7	ug/m3		1.00
SG1	BV86884	TO15	11/21/16	1	Dichlorodifluoromethane	7.12	ug/m3		1.00
SG1	BV86884	TO15	11/21/16	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	1,2-dichloropropane		ug/m3	U	1.00
SG5	BV86882	TO15	11/17/16	10	1,2,4-Trichlorobenzene		ug/m3	U	10.0
SG1	BV86884	TO15	11/21/16	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Trichloroethene		ug/m3	U	0.25
SG1	BV86884	TO15	11/21/16	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	Hexachlorobutadiene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	o-Xylene	2.00	ug/m3		1.00
SG1	BV86884	TO15	11/21/16	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	1,2,4-Trimethylbenzene		ug/m3	UJ	1.00
SG1	BV86884	TO15	11/21/16	1	Isopropylbenzene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	4-Isopropyltoluene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Ethylbenzene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Styrene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Benzyl chloride		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Methyl Ethyl Ketone		ug/m3	UJ	1.00
SG2	BV86883	TO15	11/21/16	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBV86876

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG2	BV86883	TO15	11/21/16	1	1,3-Butadiene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	1,2-Dichloroethane		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Acrylonitrile		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Toluene	1.19	ug/m3		1.00
SG2	BV86883	TO15	11/21/16	1	Chlorobenzene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Tetrahydrofuran		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Hexane	3.56	ug/m3		1.00
SG2	BV86883	TO15	11/21/16	1	Cyclohexane		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Propylene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	1,4-Dioxane		ug/m3	UJ	1.00
SG2	BV86883	TO15	11/21/16	1	Dibromochloromethane		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Tetrachloroethene	1.96	ug/m3		0.25
SG2	BV86883	TO15	11/21/16	1	sec-Butylbenzene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Ethyl acetate		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Heptane	1.35	ug/m3		1.00
SG2	BV86883	TO15	11/21/16	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	m,p-Xylene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Carbon Tetrachloride	0.51	ug/m3		0.25
SG2	BV86883	TO15	11/21/16	1	2-Hexanone(MBK)		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	4-Ethyltoluene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Ethanol	17.1	ug/m3		1.00
SG2	BV86883	TO15	11/21/16	1	Isopropylalcohol		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Acetone	36.8	ug/m3		1.00
SG2	BV86883	TO15	11/21/16	1	Chloroform		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Benzene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Bromomethane		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Chloromethane		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Chloroethane		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Vinyl Chloride		ug/m3	U	0.25



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBV86876

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG2	BV86883	TO15	11/21/16	1	Methylene Chloride	7.33	ug/m3		1.00
SG2	BV86883	TO15	11/21/16	1	Carbon Disulfide		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Bromoform		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Bromodichloromethane		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	1,1-Dichloroethane		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	1,1-Dichloroethene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Trichlorofluoromethane	1.99	ug/m3		1.00
SG2	BV86883	TO15	11/21/16	1	Dichlorodifluoromethane	2.48	ug/m3		1.00
SG2	BV86883	TO15	11/21/16	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	1,2-dichloropropane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	1,2,4-Trimethylbenzene	1.57	ug/m3	UJ	1.00
SG2	BV86883	TO15	11/21/16	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Trichloroethene		ug/m3	U	0.25
SG2	BV86883	TO15	11/21/16	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	Hexachlorobutadiene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	o-Xylene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	10	Methyl Ethyl Ketone	601	ug/m3	J	10.0
SG2	BV86883	TO15	11/21/16	1	Isopropylbenzene		ug/m3	U	1.00
SG2	BV86883	TO15	11/21/16	1	4-Isopropyltoluene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Ethylbenzene	2.43	ug/m3		1.00
SG3	BV86878	TO15	11/21/16	1	Styrene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Benzyl chloride		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	1,2,4-Trimethylbenzene	1.75	ug/m3		1.00
SG3	BV86878	TO15	11/21/16	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	1,3-Butadiene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	1,2-Dichloroethane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Acrylonitrile		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Toluene	11.0	ug/m3		1.00
SG3	BV86878	TO15	11/21/16	1	Chlorobenzene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Tetrahydrofuran		ug/m3	U	1.00



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBV86876

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG3	BV86878	TO15	11/21/16	1	Hexane	3.12	ug/m3		1.00
SG3	BV86878	TO15	11/21/16	1	Cyclohexane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Propylene	41.1	ug/m3		1.00
SG3	BV86878	TO15	11/21/16	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	1,4-Dioxane		ug/m3	UJ	1.00
SG3	BV86878	TO15	11/21/16	1	Dibromochloromethane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Tetrachloroethene	34.3	ug/m3		0.25
SG3	BV86878	TO15	11/21/16	1	sec-Butylbenzene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Ethyl acetate		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Heptane	2.47	ug/m3		1.00
SG3	BV86878	TO15	11/21/16	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	m,p-Xylene	7.94	ug/m3		1.00
SG3	BV86878	TO15	11/21/16	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Carbon Tetrachloride		ug/m3	U	0.25
SG3	BV86878	TO15	11/21/16	1	2-Hexanone(MBK)	24.2	ug/m3		1.00
SG3	BV86878	TO15	11/21/16	1	4-Ethyltoluene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Ethanol	50.7	ug/m3		1.00
SG3	BV86878	TO15	11/21/16	1	Isopropylalcohol		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Acetone	62.7	ug/m3		1.00
SG3	BV86878	TO15	11/21/16	1	Chloroform		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Benzene	1.67	ug/m3		1.00
SG3	BV86878	TO15	11/21/16	1	1,1,1-Trichloroethane	1.02	ug/m3		1.00
SG3	BV86878	TO15	11/21/16	1	Bromomethane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Chloromethane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Chloroethane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Vinyl Chloride		ug/m3	U	0.25
SG3	BV86878	TO15	11/21/16	1	Methylene Chloride		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Carbon Disulfide		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Bromoform		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Bromodichloromethane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	1,1-Dichloroethane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	1,1-Dichloroethene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Trichlorofluoromethane	4.41	ug/m3		1.00
SG3	BV86878	TO15	11/21/16	1	Dichlorodifluoromethane	3.73	ug/m3		1.00



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBV86876

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG3	BV86878	TO15	11/21/16	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	1,2-dichloropropane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Trichloroethene	0.32	ug/m3		0.25
SG3	BV86878	TO15	11/21/16	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Hexachlorobutadiene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	o-Xylene	2.67	ug/m3		1.00
SG3	BV86878	TO15	11/21/16	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG1	BV86884	TO15	11/21/16	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	Isopropylbenzene		ug/m3	U	1.00
SG3	BV86878	TO15	11/21/16	1	4-Isopropyltoluene		ug/m3	U	1.00
SG5	BV86882	TO15	11/17/16	10	1,2,4-Trimethylbenzene		ug/m3	UJ	10.0
SG4	BV86877	TO15	11/17/16	1	Ethylbenzene	10.5	ug/m3		1.00
SG4	BV86877	TO15	11/17/16	1	Styrene		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Benzyl chloride		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG7	BV86880	TO15	11/23/16	30	1,2,4-Trimethylbenzene		ug/m3	UJ	30.0
SG4	BV86877	TO15	11/17/16	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	1,3-Butadiene		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	1,2-Dichloroethane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Acrylonitrile		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Toluene	57.2	ug/m3		1.00
SG4	BV86877	TO15	11/17/16	1	Chlorobenzene		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Tetrahydrofuran		ug/m3	U	1.00
SG4	BV86877	TO15	11/18/16	100	Methyl Ethyl Ketone	1180	ug/m3	J	100
SG4	BV86877	TO15	11/17/16	1	1,4-Dioxane		ug/m3	UJ	1.00
SG4	BV86877	TO15	11/17/16	1	Dibromochloromethane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Tetrachloroethene	2.60	ug/m3		0.25
SG4	BV86877	TO15	11/17/16	1	sec-Butylbenzene		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Ethyl acetate		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Cis-1,2-Dichloroethene	10.2	ug/m3		1.00
SG4	BV86877	TO15	11/17/16	1	Trans-1,2-Dichloroethene	1.42	ug/m3		1.00
SG4	BV86877	TO15	11/17/16	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00



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BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG4	BV86877	TO15	11/17/16	1	m,p-Xylene	16.2	ug/m3		1.00
SG4	BV86877	TO15	11/17/16	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Carbon Tetrachloride		ug/m3	U	0.25
SG4	BV86877	TO15	11/17/16	1	2-Hexanone(MBK)		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	4-Ethyltoluene		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Ethanol	953	ug/m3	J	1.00
SG4	BV86877	TO15	11/17/16	1	Isopropylalcohol	33.2	ug/m3		1.00
SG4	BV86877	TO15	11/17/16	1	Chloroform		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Benzene	122	ug/m3		1.00
SG4	BV86877	TO15	11/17/16	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Bromomethane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Chloromethane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Chloroethane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Vinyl Chloride	1.56	ug/m3		0.25
SG4	BV86877	TO15	11/17/16	1	Methylene Chloride		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Carbon Disulfide	32.7	ug/m3		1.00
SG4	BV86877	TO15	11/17/16	1	Bromoform		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Bromodichloromethane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	1,1-Dichloroethane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	1,1-Dichloroethene		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Trichlorofluoromethane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Dichlorodifluoromethane	1.57	ug/m3		1.00
SG4	BV86877	TO15	11/17/16	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	1,2-dichloropropane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Trichloroethene	7.46	ug/m3		0.25
SG4	BV86877	TO15	11/17/16	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	Hexachlorobutadiene		ug/m3	U	1.00
SG4	BV86877	TO15	11/17/16	1	o-Xylene	6.03	ug/m3		1.00
SG4	BV86877	TO15	11/17/16	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG8	BV86881	TO15	11/23/16	30	1,2,4-Trimethylbenzene		ug/m3	UJ	30.0
SG4	BV86877	TO15	11/17/16	1	Isopropylbenzene	2.01	ug/m3		1.00
SG4	BV86877	TO15	11/17/16	1	4-Isopropyltoluene		ug/m3	U	1.00
SG4	BV86877	TO15	11/18/16	100	4-Methyl-2-pentanone(MIBK)	512	ug/m3		100
SG4	BV86877	TO15	11/18/16	100	Hexane	708	ug/m3		100



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BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG4	BV86877	TO15	11/18/16	100	Cyclohexane	671	ug/m3		100
SG4	BV86877	TO15	11/18/16	100	Propylene	347	ug/m3		100
SG4	BV86877	TO15	11/18/16	100	Heptane	317	ug/m3		100
SG4	BV86877	TO15	11/18/16	100	Acetone	1550	ug/m3		100
SG5	BV86882	TO15	11/21/16	75	Methyl Ethyl Ketone	1390	ug/m3	J	74.9
SG5	BV86882	TO15	11/17/16	10	Ethylbenzene	146	ug/m3		10.0
SG5	BV86882	TO15	11/17/16	10	Styrene		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Benzyl chloride		ug/m3	UJ	10.0
SG5	BV86882	TO15	11/17/16	10	cis-1,3-Dichloropropene		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	trans-1,3-Dichloropropene		ug/m3	U	10.0
SG9	BV86879	TO15	11/23/16	30	1,2,4-Trimethylbenzene	94.8	ug/m3	J	30.0
SG5	BV86882	TO15	11/17/16	10	1,4-Dichlorobenzene		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	1,2-Dibromoethane(EDB)		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	1,3-Butadiene		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	1,2-Dichloroethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Acrylonitrile		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	4-Methyl-2-pentanone(MIBK)		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	1,3,5-Trimethylbenzene		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Toluene	1180	ug/m3		10.0
SG5	BV86882	TO15	11/17/16	10	Chlorobenzene		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Tetrahydrofuran		ug/m3	U	10.0
SG1	BV86884	TO15	11/21/16	1	Methyl Ethyl Ketone	3.48	ug/m3	J	1.00
SG5	BV86882	TO15	11/17/16	10	1,4-Dioxane		ug/m3	UJ	10.0
SG5	BV86882	TO15	11/17/16	10	Dibromochloromethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Tetrachloroethene	3.25	ug/m3		2.50
SG5	BV86882	TO15	11/17/16	10	sec-Butylbenzene		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Ethyl acetate		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Cis-1,2-Dichloroethene		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Trans-1,2-Dichloroethene		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Methyl tert-butyl ether(MTBE)		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	m,p-Xylene	378	ug/m3		10.0
SG5	BV86882	TO15	11/17/16	10	1,3-Dichlorobenzene		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Carbon Tetrachloride		ug/m3	U	2.50
SG5	BV86882	TO15	11/17/16	10	2-Hexanone(MBK)		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	4-Ethyltoluene		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	1,1,1,2-Tetrachloroethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Ethanol		ug/m3	U	10.0



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG5	BV86882	TO15	11/17/16	10	Isopropylalcohol		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Acetone		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Chloroform		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Benzene	1140	ug/m3		10.0
SG5	BV86882	TO15	11/17/16	10	1,1,1-Trichloroethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Bromomethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Chloromethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Chloroethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Vinyl Chloride		ug/m3	U	2.50
SG5	BV86882	TO15	11/17/16	10	Methylene Chloride		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Carbon Disulfide		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Bromoform		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Bromodichloromethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	1,1-Dichloroethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	1,1-Dichloroethene		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Trichlorofluoromethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Dichlorodifluoromethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Trichlorotrifluoroethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	1,2-Dichlorotetrafluoroethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	1,2-dichloropropane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	1,1,2-Trichloroethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Trichloroethene	4.08	ug/m3		2.50
SG5	BV86882	TO15	11/17/16	10	1,1,2,2-Tetrachloroethane		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	Hexachlorobutadiene		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	o-Xylene	125	ug/m3		10.0
SG5	BV86882	TO15	11/17/16	10	1,2-Dichlorobenzene		ug/m3	U	10.0
SG1	BV86884	TO15	11/21/16	1	n-Butylbenzene		ug/m3	U	1.00
SG5	BV86882	TO15	11/17/16	10	Isopropylbenzene		ug/m3	U	10.0
SG5	BV86882	TO15	11/17/16	10	4-Isopropyltoluene		ug/m3	U	10.0
SG5	BV86882	TO15	11/21/16	75	Propylene	1090	ug/m3		75.0
SG5	BV86882	TO15	11/21/16	75	Heptane	8110	ug/m3		75.0
SG6	BV86876	TO15	11/21/16	18.5	1,2,4-Trimethylbenzene		ug/m3	UJ	18.5
SG5	BV86882	TO15	11/28/16	270	Hexane	19800	ug/m3		270
SG5	BV86882	TO15	11/28/16	270	Cyclohexane	17500	ug/m3		270
SG6	BV86876	TO15	11/21/16	92.5	Hexane	3210	ug/m3		92.6
SG6	BV86876	TO15	11/21/16	92.5	Cyclohexane	3350	ug/m3		92.5
SG6	BV86876	TO15	11/21/16	18.5	Ethylbenzene	45.6	ug/m3		18.5



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG6	BV86876	TO15	11/21/16	18.5	Styrene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Benzyl chloride		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	cis-1,3-Dichloropropene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	trans-1,3-Dichloropropene		ug/m3	U	18.5
SG2	BV86883	TO15	11/21/16	1	n-Butylbenzene		ug/m3	U	1.00
SG6	BV86876	TO15	11/21/16	18.5	1,4-Dichlorobenzene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	1,2-Dibromoethane(EDB)		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	1,3-Butadiene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	1,2-Dichloroethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Acrylonitrile		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	4-Methyl-2-pentanone(MIBK)		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	1,3,5-Trimethylbenzene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Toluene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Chlorobenzene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Tetrahydrofuran		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Propylene	1070	ug/m3		18.6
SG6	BV86876	TO15	11/21/16	18.5	1,2,4-Trichlorobenzene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	1,4-Dioxane		ug/m3	UJ	18.5
SG6	BV86876	TO15	11/21/16	18.5	Dibromochloromethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Tetrachloroethene		ug/m3	U	4.62
SG6	BV86876	TO15	11/21/16	18.5	sec-Butylbenzene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Ethyl acetate		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Heptane	1470	ug/m3		18.5
SG6	BV86876	TO15	11/21/16	18.5	Cis-1,2-Dichloroethene	22.7	ug/m3		18.5
SG6	BV86876	TO15	11/21/16	18.5	Trans-1,2-Dichloroethene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Methyl tert-butyl ether(MTBE)		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	m,p-Xylene	23.5	ug/m3		18.5
SG6	BV86876	TO15	11/21/16	18.5	1,3-Dichlorobenzene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Carbon Tetrachloride		ug/m3	U	4.61
SG6	BV86876	TO15	11/21/16	18.5	2-Hexanone(MBK)		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	4-Ethyltoluene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	1,1,1,2-Tetrachloroethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Ethanol	92.1	ug/m3		18.5
SG6	BV86876	TO15	11/21/16	18.5	Isopropylalcohol		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Acetone		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Chloroform		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Benzene	766	ug/m3		18.5



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBV86876

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG6	BV86876	TO15	11/21/16	18.5	1,1,1-Trichloroethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Bromomethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Chloromethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Chloroethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Vinyl Chloride	29.9	ug/m3		4.62
SG6	BV86876	TO15	11/21/16	18.5	Methylene Chloride		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Carbon Disulfide	209	ug/m3		18.5
SG6	BV86876	TO15	11/21/16	18.5	Bromoform		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Bromodichloromethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	1,1-Dichloroethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	1,1-Dichloroethene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Trichlorofluoromethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Dichlorodifluoromethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Trichlorotrifluoroethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	1,2-Dichlorotetrafluoroethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	1,2-dichloropropane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Methyl Ethyl Ketone	1480	ug/m3	J	18.5
SG6	BV86876	TO15	11/21/16	18.5	1,1,2-Trichloroethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Trichloroethene	7.04	ug/m3		4.62
SG6	BV86876	TO15	11/21/16	18.5	1,1,2,2-Tetrachloroethane		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	Hexachlorobutadiene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	o-Xylene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	1,2-Dichlorobenzene		ug/m3	U	18.5
SG3	BV86878	TO15	11/21/16	1	n-Butylbenzene		ug/m3	U	1.00
SG6	BV86876	TO15	11/21/16	18.5	Isopropylbenzene		ug/m3	U	18.5
SG6	BV86876	TO15	11/21/16	18.5	4-Isopropyltoluene		ug/m3	U	18.5
SG7	BV86880	TO15	11/23/16	30	Ethylbenzene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Styrene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Benzyl chloride		ug/m3	UJ	30.0
SG7	BV86880	TO15	11/23/16	30	cis-1,3-Dichloropropene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	trans-1,3-Dichloropropene		ug/m3	U	30.0
SG4	BV86877	TO15	11/17/16	1	n-Butylbenzene		ug/m3	U	1.00
SG7	BV86880	TO15	11/23/16	30	1,4-Dichlorobenzene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	1,2-Dibromoethane(EDB)		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	1,3-Butadiene		ug/m3	U	30.1
SG7	BV86880	TO15	11/23/16	30	1,2-Dichloroethane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Acrylonitrile		ug/m3	U	29.9



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBV86876

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG7	BV86880	TO15	11/23/16	30	4-Methyl-2-pentanone(MIBK)		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	1,3,5-Trimethylbenzene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Toluene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Chlorobenzene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Tetrahydrofuran		ug/m3	U	30.1
SG7	BV86880	TO15	11/23/16	30	Propylene		ug/m3	U	29.9
SG7	BV86880	TO15	11/23/16	30	1,2,4-Trichlorobenzene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	1,4-Dioxane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Dibromochloromethane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Tetrachloroethene	14.4	ug/m3		7.52
SG7	BV86880	TO15	11/23/16	30	sec-Butylbenzene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Ethyl acetate		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Cis-1,2-Dichloroethene	109	ug/m3		30.0
SG7	BV86880	TO15	11/23/16	30	Trans-1,2-Dichloroethene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Methyl tert-butyl ether(MTBE)	2560	ug/m3		30.0
SG7	BV86880	TO15	11/23/16	30	m,p-Xylene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	1,3-Dichlorobenzene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Carbon Tetrachloride		ug/m3	U	7.48
SG7	BV86880	TO15	11/23/16	30	2-Hexanone(MBK)		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	4-Ethyltoluene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	1,1,1,2-Tetrachloroethane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Ethanol		ug/m3	U	29.9
SG7	BV86880	TO15	11/23/16	30	Isopropylalcohol		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Acetone		ug/m3	U	29.9
SG7	BV86880	TO15	11/23/16	30	Chloroform		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Benzene	619	ug/m3		30.0
SG7	BV86880	TO15	11/23/16	30	1,1,1-Trichloroethane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Bromomethane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Chloromethane		ug/m3	U	29.9
SG7	BV86880	TO15	11/23/16	30	Chloroethane		ug/m3	U	30.1
SG7	BV86880	TO15	11/23/16	30	Vinyl Chloride	2530	ug/m3		7.51
SG7	BV86880	TO15	11/23/16	30	Methylene Chloride		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Carbon Disulfide		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Bromoform		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Bromodichloromethane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	1,1-Dichloroethane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	1,1-Dichloroethene		ug/m3	U	30.0



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BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG7	BV86880	TO15	11/23/16	30	Trichlorofluoromethane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Dichlorodifluoromethane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Trichlorotrifluoroethane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	1,2-Dichlorotetrafluoroethane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	1,2-dichloropropane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Methyl Ethyl Ketone	169	ug/m3		30.1
SG7	BV86880	TO15	11/23/16	30	1,1,2-Trichloroethane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Trichloroethene	11.3	ug/m3		7.52
SG7	BV86880	TO15	11/23/16	30	1,1,2,2-Tetrachloroethane		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	Hexachlorobutadiene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	o-Xylene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	1,2-Dichlorobenzene		ug/m3	U	30.0
SG5	BV86882	TO15	11/17/16	10	n-Butylbenzene		ug/m3	UJ	10.0
SG7	BV86880	TO15	11/23/16	30	Isopropylbenzene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	4-Isopropyltoluene		ug/m3	U	30.0
SG7	BV86880	TO15	11/28/16	300	Hexane	28000	ug/m3		300
SG7	BV86880	TO15	11/28/16	300	Cyclohexane	15500	ug/m3		300
SG7	BV86880	TO15	11/28/16	300	Heptane	12900	ug/m3		300
SG8	BV86881	TO15	11/23/16	30	Ethylbenzene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Styrene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Benzyl chloride		ug/m3	UJ	30.0
SG8	BV86881	TO15	11/23/16	30	cis-1,3-Dichloropropene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	trans-1,3-Dichloropropene		ug/m3	U	30.0
SG6	BV86876	TO15	11/21/16	18.5	n-Butylbenzene		ug/m3	U	18.5
SG8	BV86881	TO15	11/23/16	30	1,4-Dichlorobenzene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	1,2-Dibromoethane(EDB)		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	1,3-Butadiene		ug/m3	U	30.1
SG8	BV86881	TO15	11/23/16	30	1,2-Dichloroethane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Acrylonitrile		ug/m3	U	29.9
SG8	BV86881	TO15	11/23/16	30	4-Methyl-2-pentanone(MIBK)		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	1,3,5-Trimethylbenzene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Toluene	48.6	ug/m3		30.0
SG8	BV86881	TO15	11/23/16	30	Chlorobenzene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Tetrahydrofuran		ug/m3	U	30.1
SG8	BV86881	TO15	11/23/16	30	Hexane	128	ug/m3		30.0
SG8	BV86881	TO15	11/23/16	30	Cyclohexane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Propylene		ug/m3	U	29.9



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BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG8	BV86881	TO15	11/23/16	30	1,2,4-Trichlorobenzene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	1,4-Dioxane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Dibromochloromethane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Tetrachloroethene		ug/m3	U	7.52
SG8	BV86881	TO15	11/23/16	30	sec-Butylbenzene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Ethyl acetate		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Heptane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Cis-1,2-Dichloroethene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Trans-1,2-Dichloroethene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	m,p-Xylene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	1,3-Dichlorobenzene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Carbon Tetrachloride		ug/m3	U	7.48
SG8	BV86881	TO15	11/23/16	30	2-Hexanone(MBK)		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	4-Ethyltoluene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	1,1,1,2-Tetrachloroethane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Ethanol	30.7	ug/m3		29.9
SG8	BV86881	TO15	11/23/16	30	Isopropylalcohol		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Acetone		ug/m3	U	29.9
SG8	BV86881	TO15	11/23/16	30	Chloroform		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Benzene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	1,1,1-Trichloroethane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Bromomethane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Chloromethane		ug/m3	U	29.9
SG8	BV86881	TO15	11/23/16	30	Chloroethane		ug/m3	U	30.1
SG8	BV86881	TO15	11/23/16	30	Vinyl Chloride	13.9	ug/m3		7.51
SG8	BV86881	TO15	11/23/16	30	Methylene Chloride		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Carbon Disulfide		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Bromoform		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Bromodichloromethane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	1,1-Dichloroethane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	1,1-Dichloroethene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Trichlorofluoromethane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Dichlorodifluoromethane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Trichlorotrifluoroethane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	1,2-Dichlorotetrafluoroethane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	1,2-dichloropropane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Methyl Ethyl Ketone	233	ug/m3		30.1



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BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG8	BV86881	TO15	11/23/16	30	1,1,2-Trichloroethane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Trichloroethene		ug/m3	U	7.52
SG8	BV86881	TO15	11/23/16	30	1,1,2,2-Tetrachloroethane		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	Hexachlorobutadiene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	o-Xylene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	1,2-Dichlorobenzene		ug/m3	U	30.0
SG7	BV86880	TO15	11/23/16	30	n-Butylbenzene		ug/m3	UJ	30.0
SG8	BV86881	TO15	11/23/16	30	Isopropylbenzene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	4-Isopropyltoluene		ug/m3	U	30.0
SG8	BV86881	TO15	11/28/16	150	Methyl tert-butyl ether(MTBE)	6450	ug/m3		150
SG9	BV86879	TO15	11/23/16	30	Ethylbenzene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Styrene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Benzyl chloride		ug/m3	UJ	30.0
SG9	BV86879	TO15	11/23/16	30	cis-1,3-Dichloropropene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	trans-1,3-Dichloropropene		ug/m3	U	30.0
SG8	BV86881	TO15	11/23/16	30	n-Butylbenzene		ug/m3	UJ	30.0
SG9	BV86879	TO15	11/23/16	30	1,4-Dichlorobenzene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	1,2-Dibromoethane(EDB)		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	1,3-Butadiene		ug/m3	U	30.1
SG9	BV86879	TO15	11/23/16	30	1,2-Dichloroethane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Acrylonitrile		ug/m3	U	29.9
SG9	BV86879	TO15	11/23/16	30	4-Methyl-2-pentanone(MIBK)		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	1,3,5-Trimethylbenzene	75.2	ug/m3		30.0
SG9	BV86879	TO15	11/23/16	30	Toluene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Chlorobenzene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Tetrahydrofuran		ug/m3	U	30.1
SG9	BV86879	TO15	11/23/16	30	Cyclohexane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Propylene	580	ug/m3		29.9
SG9	BV86879	TO15	11/23/16	30	1,2,4-Trichlorobenzene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	1,4-Dioxane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Dibromochloromethane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Tetrachloroethene		ug/m3	U	7.52
SG9	BV86879	TO15	11/23/16	30	sec-Butylbenzene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Ethyl acetate		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Cis-1,2-Dichloroethene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Trans-1,2-Dichloroethene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	m,p-Xylene	568	ug/m3		30.0



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BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG9	BV86879	TO15	11/23/16	30	1,3-Dichlorobenzene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Carbon Tetrachloride		ug/m3	U	7.48
SG9	BV86879	TO15	11/23/16	30	2-Hexanone(MBK)		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	4-Ethyltoluene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	1,1,1,2-Tetrachloroethane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Ethanol	44.1	ug/m3		29.9
SG9	BV86879	TO15	11/23/16	30	Isopropylalcohol		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Acetone		ug/m3	U	29.9
SG9	BV86879	TO15	11/23/16	30	Chloroform		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Benzene	299	ug/m3		30.0
SG9	BV86879	TO15	11/23/16	30	1,1,1-Trichloroethane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Bromomethane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Chloromethane		ug/m3	U	29.9
SG9	BV86879	TO15	11/23/16	30	Chloroethane		ug/m3	U	30.1
SG9	BV86879	TO15	11/23/16	30	Vinyl Chloride	36.0	ug/m3		7.51
SG9	BV86879	TO15	11/23/16	30	Methylene Chloride		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Carbon Disulfide		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Bromoform		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Bromodichloromethane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	1,1-Dichloroethane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	1,1-Dichloroethene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Trichlorofluoromethane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Dichlorodifluoromethane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Trichlorotrifluoroethane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	1,2-Dichlorotetrafluoroethane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	1,2-dichloropropane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Methyl Ethyl Ketone		ug/m3	U	30.1
SG9	BV86879	TO15	11/23/16	30	1,1,2-Trichloroethane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Trichloroethene		ug/m3	U	7.52
SG9	BV86879	TO15	11/23/16	30	1,1,2,2-Tetrachloroethane		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	Hexachlorobutadiene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	o-Xylene	111	ug/m3		30.0
SG9	BV86879	TO15	11/23/16	30	1,2-Dichlorobenzene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	n-Butylbenzene		ug/m3	UJ	30.0
SG9	BV86879	TO15	11/23/16	30	Isopropylbenzene		ug/m3	U	30.0
SG9	BV86879	TO15	11/23/16	30	4-Isopropyltoluene		ug/m3	U	30.0
SG9	BV86879	TO15	11/28/16	270	Hexane	38000	ug/m3		270



1181 FLUSHING AVENUE
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBV86876

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG9	BV86879	TO15	11/28/16	270	Heptane	16100	ug/m3		270
SG9	BV86879	TO15	11/28/16	270	Methyl tert-butyl ether(MTBE)	11300	ug/m3		270