

**FORMER CARTER SPRAY FINISHING CORP.
SITE**

DEC Site ID No. C224218

**65 ECKFORD STREET
BROOKLYN, NEW YORK 11222
Block 2698, Lot 26**

**REMEDIAL INVESTIGATION
REPORT**

JUNE 2016

Prepared for:

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LIST OF ACRONYMS

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

REPORT CERTIFICAION

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



Charles Sosik, PG
Principal

Date: 06-17-2016

1.0 INTRODUCTION

1.1 Project Background

This Remedial Investigation Report (RIR) was prepared on behalf of Z65 Realty LLC for the property known as the Former Carter Spray Finishing Corp. Site, located at 65 Eckford Street, Brooklyn, New York (hereafter referred to as the Site). In May 2015, Z65 Realty 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 18, 2015. On June 29, 2015, the NYSDEC informed Z65 Realty LLC that the project had been accepted into the BCP with Z65 Realty LLC classified as a "Volunteer". The Brownfield Cleanup Agreement was executed by NYSDEC on July 16, 2015 (Site No. C224218).

The purpose of this Remedial Investigation Report is to collect data of sufficient quality and quantity to characterize the nature and extent of contamination and to complete a qualitative exposure assessment for future occupants of the proposed building and the surrounding community.

The overall objectives of the project are to prepare the Site for unrestricted use as defined in the Brownfield Cleanup Agreement 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 December 2015.

1.2 Site Location and Description

The street address for the Site is 65 Eckford Street, Brooklyn, NY 11222 (**Figure 1**). The Site is located in the City of New York and Borough of Brooklyn and is identified as Block 2698, Lot 26 on the New York City Tax Map. The Site is an irregular shaped lot consisting of approximately 85 feet of frontage along Eckford Street (**Figure 2**) and a depth of approximately 100 feet for a total of approximately 10,206 ft² (0.23 acres).

The 1 and 2-story industrial/manufacturing building (constructed between 1905 and 1916) that previously occupied the entire footprint of Lot 26 was demolished in November/December of 2015. The Site was previously utilized by several industrial operations, including a woodworking shop, machine shop, wood box manufacturing facility, automobile parking garage with underground gasoline storage tank(s), and a metal finishing facility that utilized two 275-gallon aboveground storage tanks that contained Trichloroethene (TCE). A topographic survey showing underground utilities is provided in **Figure 3**.

The elevation of the Site ranges from 19 to 20 feet above the National Geodetic Vertical Datum (NGVD). The area topography gradually slopes downward to the north and west. The depth to groundwater beneath the Site is approximately 12 to 13 feet below grade. Based on regional groundwater elevation maps, groundwater flows to the north-northwest.

The area surrounding the property (**Figure 4**) is highly urbanized and predominantly consists of multi-family residential buildings with mixed-use buildings (residential w/ first floor retail) along main corridors such as Driggs Avenue located at the end of the block to the north and McGuinness Boulevard, located two blocks to the east. The area is marked by late 19th and early 20th century row houses with commercial and industrial properties interspersed throughout the residential sections. The area to the west of the Site was historically characterized by heavy industry and manufacturing. Following a steady decline of manufacturing in the area from the late 1960's through the 1980's, many of the industrial properties were vacated leaving the buildings to be vandalized and become derelict. Four sensitive receptors were identified within a ¼ mile radius of the Site. Each is identified below:

- 1) John Ericsson Middle School 126 (500 feet south of Site)
424 Leonard Street, Brooklyn, New York 11222
- 2) Northside Charter High School (500 feet south of Site)
424 Leonard Street, Brooklyn, NY 11222
- 3) Automotive High School (1,200 feet west of Site)
50 Bedford Avenue, Brooklyn, New York 11222
- 4) St. Stanislaus Kostka School (600 feet east-northeast of Site)
189 Driggs Avenue, Brooklyn, New York 11222
- 5) ABC Infant & Toddler Center, Inc. (800 feet north of Site)
109 Nassau Avenue, Brooklyn, NY 11222

The entire area is serviced by the New York City municipal water system which provides water from a series of reservoir systems (Croton, Delaware, Catskill) located north of the City. There are no known public or private drinking water supply wells within a half mile down gradient of the Site.

1.3 Redevelopment Plans

The redevelopment project consists of the construction of a new 5-story hotel building with a full cellar level and a rear cellar level courtyard. The cellar level and rear cellar level courtyard will require excavation of the entire Site to a depth of approximately 12 ft below grade with additional excavation to depths of approximately 15 feet in some areas for the building's footings and foundation. With groundwater present at 12 feet below grade, extensive dewatering will be required during construction of the building's foundation.

The cellar level will consist of a recreational room, gym, lobby/lounge, kitchen and break room for the hotel, six mechanical rooms located in the front of the cellar, and eight hotel rooms that face a cellar level, concrete capped rear yard.

1.4 Site History

A history for the Site dating back to 1887 was established. A review of Sanborn maps shows that the Site and adjacent properties were undeveloped prior to 1887. By 1905, several one-story manufacturing buildings were constructed on the Site and used as a part of the Meisel Danowitz & Co. woodworking operation. The Site was redeveloped by 1916 with the existing one and two-story building currently constructed at the Site. The 1916 Sanborn map indicates the center portion of the building was used as a parking garage for 30 cars, the rear of the building was used as a machine shop, and the front portion of the building was vacant. By 1942, the Eckford Garage utilized the entire building for parking of up to 40 cars. The 1916 and 1942 Sanborn maps indicate an underground gasoline storage tank was located in the northeast portion of the parking garage building, just beyond the front portion of the building that has a 2nd floor. The approximate location of the underground storage tank is shown on **Figure 3**. By 1950, the building was occupied with a wood box manufacturing company, and a company that performed laquer spraying on the 2nd floor. The 1965 through 1989 Sanborn maps indicate the building was used for metal finishing and spraying. City Directory Listings from 1960 to 2008 indicate the building was occupied by Carter Spray Finishing Corp.

1.5 Summary of Previous Investigations

Environmental investigations performed at the Site include the following:

- Phase I Environmental Site Assessment Screening - EBC (May 2015)
- Phase II Subsurface Investigation Data Summary - EBC (May 2015)

A digital copy of the reports is provided in **Attachment A**.

1.5.1 May 2015 – Phase I Environmental Site Assessment Screening (EBC)

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

- The 1916 and 1942 Sanborn maps show a parking garage building with an underground gasoline storage tank in the northeast portion of the building. A Site inspection performed in 2015 noted a fill port indicative of an underground gasoline storage tank within the same area of the gasoline tank drawn on the Sanborn maps. Therefore, the tank(s) has not been removed. No information regarding the current status of this tank and/or soil quality in its vicinity was available for review. As such, there is a potential for spills or release from the gasoline underground storage tank to have impacted the subsurface.
- NYC Department of Building records indicate fuel oil was used for heating the building. Based on the age and size of the building, it is assumed that an underground storage tank of at least 550 gallons was used. No information/records were obtained indicating proper removal/abandonment of a No. 2 fuel oil underground storage tank has occurred. As such, there is a potential for spills or release from the No. 2 fuel oil underground storage tank to have impacted the subsurface.

- City Directory Listings, Sanborn maps and internet search results indicate the building has been historically utilized for industrial purposes, including a machine shop, parking garage, wood box manufacturing (with lacquer spray booths), and metal finishing. From approximately 1959 to 1998, Carter Spray Finishing Corp. utilized two 275-gallon aboveground storage tanks containing trichloroethene (TCE) and the Toxic Chemical Release Inventory System (TRIS) database indicates Carter Spray Finishing Corp. emitted greater than 8,000 pounds per year of TCE into the air. As such, there is a potential for historic Site operations to have impacted soil, groundwater and/or soil vapor quality beneath the Site. Further, the Site was identified as a New York City Department of City Planning (NYCDPC) Environmental "E" declaration site due to its historic use and the presence of the UST.

Based upon its findings, EBC recommended the following:

- A geophysical survey (e.g., magnetometer and/or ground penetrating radar surveys) should be conducted across the Site to confirm the location of the underground gasoline storage tank, locate a possible No. 2 fuel oil underground storage tank, and identify any other tanks, pits, drums, etc.
- If present, any historic USTs should be removed in accordance with New York State Department of Environmental Conservation (NYSDEC) and New York City Fire Department (FDNY) regulations. Any identified geophysical anomalies should be further investigated through the excavation of test pits, with soil samples collected for laboratory analysis as warranted.
- To evaluate potential impacts related to historic usage of the Site and to satisfy the NYCDPC and New York City Office of Environmental Remediation (NYCOER) requirements related to the site's listing as an "E"-designated property, a subsurface investigation should be performed. At a minimum, the investigation should include the installation of soil borings with the collection of representative soil, groundwater and/or soil vapor samples for laboratory analysis to document subsurface conditions and determine the nature and extent of contamination (if present).

The EDR Radius Map Report identified Brumar Sheet Metal, Inc. (498 Leonard Street) with open NYSDEC Spill No. 1205075. Brumar Sheet Metal, Inc. is the adjacent property to the rear/west. NYSDEC Spill file notes provided within the EDR Radius Map Report indicate ten 1,000-gallon underground storage tanks were removed in February of 2015 near the property line that separates the Site from the adjacent property to the west. Test pits excavated on the adjacent property and monitoring wells installed on the property noted free product on the groundwater surface.

A digital copy of the Phase I Environmental Site Assessment Screening is included in **Attachment A**.

1.5.2 May 2015 - Phase II Investigation Data Summary (EBC)

An initial subsurface investigation was performed on February 26, 2015, and additional sampling was performed on April 21, 2015. The initial investigation included the installation of two soil borings (B1 and B2) and the collection of one groundwater sample (B1 GW), and the second sampling event consist of the installation of three soil borings (B2, B3, B4) and the collection of a

groundwater sample from each of the three soil boring locations (GW2, GW3, G4). The installation location of all of the soil borings is shown on **Figure 5**.

A shallow soil sample representing the depth interval 0-2 feet below grade was collected from soil borings B1 and B2 in February 2015, and from 2 to 4 feet below grade from soil borings B2 and B3 in April 2015. Each of the shallow soil samples were collected from the historic fill layer below the building slab. The two historic fill soil samples collected in February were submitted for laboratory analysis of PCBs and TAL metals, and the two historic fill soil samples collected in April were submitted for laboratory analysis of SVOCs via EPA method 8270, TAL metals and TCLP Lead.

A soil sample was collected from both soil borings B1 and B2 in February from the water table interface and submitted for laboratory analysis of VOCs via EPA Method 8260 and SVOCs (CP51 list) via EPA Method 8270. Soil samples were also retained from the water table interface (11 to 13 feet below grade) from soil borings B2, B3 and B4 in April. These three soil samples were submitted for laboratory analysis of VOCs via EPA method 8260 and SVOCs via EPA method 8270.

The laboratory results identified petroleum related VOCs above Unrestricted Use SCOs and Protection of Groundwater SCOs within each of the four soil samples collected from the water table interface, including n-Propylbenzene, sec-Butylbenzene, tert-Butylbenzene, and Toluene. The concentration of total VOCs (when including naphthalene) were reported as high as 102,700 µg/kg in soil sample B3(11-13). The chlorinated VOC Trichloroethene was also detected within one of the soil samples collected in February at the water table interface at a concentration of 1,100 µg/kg.

Petroleum VOCs were detected above groundwater quality standards (GQS) within the groundwater sample collected in February 2015 and each of the three groundwater samples collected in April 2015. Petroleum VOCs detected above GQS includes 2-Isopropyltoluene, Isopropylbenzene, n-Butylbenzene, n-Propyl-benzene, sec-Butylbenzene, and tert-Butylbenzene. Total petroleum VOCs were reported in the three groundwater samples at a concentration ranging from 135 to 457 µg/L.

SVOCs including Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, and Indeno(1,2,3-cd)pyrene were all reported above Restricted Residential Use SCOs within the soil sample collected from the water table interface from soil boring B2. No historic fill material was present at the water table interface, so the total SVOC concentration in soil sample B2(11-13) (165,300 µg/kg) is believed to be associated with a fuel oil or other petroleum release.

2.0 REMEDIAL INVESTIGATION

2.1 Field Investigation

The field work portion of the RI was conducted by EBC in December 2015. The field investigation consisted of environmental sampling, field observations and measurements to determine:

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

The field effort included the collection and analysis of soil, groundwater and soil vapor samples. Laboratory services for soil, groundwater and soil vapor analysis were provided by Phoenix Environmental Laboratories, Inc. located at 587 East Middle Turnpike, 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 Soil Sampling

2.2.1 Soil Borings

On December 16, 2015, and December 17, 2015, a total of ten soil borings (15SB1 – 15SB10) were advanced. The soil borings were performed during the RI to identify source areas and to obtain general soil quality information present at the Site (**Figure 4**). From each soil boring location, soil samples were collected continuously in 5-foot intervals to a depth of 20 feet below the former building slab using a track-mounted Geoprobe™ model 66DT sampling system. The Geoprobe™ uses a direct push hydraulic percussion system to drive and retrieve core samplers. Soil samples were retrieved using a 2-inch diameter, 5-foot long macro-core sampler with disposable acetate liners. Each soil sample recovered from the soil borings was characterized by an experienced geologist and field screened for the presence of VOCs using a photo-ionization detector (PID). The geologist's field observations and PID readings were recorded for each boring in a soil boring log (see **Attachment B**).

Soil samples were retained from each of the soil borings for laboratory analysis. Samples collected for laboratory analysis include the following:

- Soil samples representing the interval 0 to 2 feet below the former building slab grade were retained from soil borings 15SB1, 15SB2, and 15SB5 through 15SB10. Soil samples representing the interval 2 to 4 feet below the former building slab grade were retained from soil borings 15SB3 and 15SB4. Each of the samples was submitted for laboratory analysis of VOCs by EPA Method 8260C plus TICs, SVOCs by EPA Method 8270 plus TICs, pesticides by EPA Method 8081B, PCBs by EPA Method 8082, and target analyte list metals (EPA Method 6010). The 15SB3(2-4) and 15SB4(2-4) soil samples were also submitted for laboratory analysis of chlorinated herbicides by EPA Method 8151A and organophosphate pesticides by EPA Method 8141B.

- A soil sample was retained from each of the soil borings from the water table interface, which was determined to be the interval 11 to 13 feet below grade. Each of the samples was submitted for laboratory analysis of VOCs by EPA Method 8260C, and SVOCs by EPA Method 8270.
- A soil sample was retained from each of the soil borings from the clean native soil layer that exhibited no olfactory or PID evidence of petroleum contamination. Each of the samples correlated to the 18 to 20 foot interval, with the exception of the soil sample retained from soil boring 15SB5, which was retained from 22 to 24 ft. Each of the samples was submitted for laboratory analysis of VOCs by EPA Method 8260C, SVOCs by EPA Method 8270, pesticides by EPA Method 8081, PCBs by EPA Method 8082, and target analyte list metals (EPA Method 6010).

A total of thirty one soil samples (plus one duplicate) were retained for analysis from the ten soil boring locations. Soil sample analytical results are summarized and compared to NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives, Protection of Groundwater SCOS, Residential Restricted Use SCOs and/or Commercial SCOs on **Tables 3** through **6**.

2.3 Monitoring Well Installation

Eight groundwater monitoring wells (15MW1 through 15MW8), were installed at the Site on December 17, 2015. The locations of each of the monitoring wells are shown on **Figure 5**. All of the monitoring wells were installed with a track mounted probe drilling machine to a depth of approximately 20 ft below grade with 10 ft of 0.010 PVC well screen and 10 ft 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 was surveyed to determine relative casing elevation to the nearest 0.01 ft and horizontal position to the nearest 0.1 ft. Groundwater elevations and monitoring well specifications for each well are provided in **Table 2**. Well completion reports detailing monitoring well construction are provided in **Attachment C**.

Prior to sampling, a synoptic round of depth-to-groundwater (DTW) measurements were obtained from the monitoring wells to determine the water table elevation and to calculate the volume of standing water in the well. The depth to groundwater was approximately 12 to 13 ft below grade. Depth to water and survey readings are provided in **Table 2**.

2.3.1 Groundwater Sampling

Each of the eight monitoring wells (15MW1 through 15MW8) was sampled on December 22, 2015. Groundwater 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, Inc. Groundwater sampling logs are provided in **Attachment D**.

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

2.4 Soil Vapor Sampling

Seven soil vapor samples (SG1 through SG7) were collected during the RI from a depth of approximately 8 feet below the existing building slab on December 22, 2015. Each of the soil vapor sampling locations is shown on **Figure 6**. 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)*.

2.4.1 Installation of Soil Vapor Implants

The eight soil vapor implants were installed at the Site on December 17, 2015. 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 8 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.

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

2.4.3 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 (**Attachment E**). When the remaining vacuum in the canisters was between 5 and 8 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 the laboratory courier and delivered to the Phoenix Environmental Laboratories, Inc. for analysis of VOCs by USEPA Method TO-15.

2.6 Laboratory Analysis

Data tables summarizing the laboratory results are provided in **Tables 3** through **12** and copies of the laboratory reports (with each chain-of-custody) are included in digital format in **Attachment F**. Soil sample results were compared to Unrestricted Use Soil Cleanup Objectives (SCOs), Protection of Groundwater SCOs, and Restricted Residential Use 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 Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values, 2003) and New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion (October 2006) Matrix 1 and Matrix 2 values. **Table 13** contains a list of parameters detected in each of the soil samples above SCOs and the range in detections. **Table 14** contains a list of parameters detected above Ambient Groundwater Quality Standards and the range in detections.

2.6.1 Analytical Results – Soil Boring Soil Samples

A total of thirty soil samples (and one duplicate) were collected from ten soil borings for laboratory analysis of VOCs by EPA Method 8260C plus TICs, SVOCs by EPA Method 8270 plus TICs, PCBs by EPA Method 8082, and target analyte list metals (EPA Method 6010). Soil samples 15SB1(2-4), 15SB1(18-20), 15SB3(2-4), 15SB3(18-20), 15SB5(2-4), and 15SB5(22-24) were also analyzed for chlorinated herbicides by EPA Method 8151A, and organophosphorus pesticides by EPA Method 8141B. Analytical results of the soil samples collected from the soil borings are summarized and compared to Unrestricted Use SCOs, Protection of Groundwater SCOs, Restricted Residential Use SCOs, and/or Commercial SCOs in **Tables 3** through **6**.

All soil samples results above Unrestricted Use SCOs are presented in **Table 13** and posted on **Figure 7**.

VOCs in Soil Above SCOs:

Petroleum Volatile Organic Compounds

Petroleum related VOCs were detected above Unrestricted Use SCOs and Protection of Groundwater SCOs within six of the ten soil samples retained from the groundwater interface (11 to 13 feet below grade). No VOCs were detected above Restricted Residential Use SCOs. Petroleum related VOCs were not detected above Unrestricted Use SCOs or Protection of Groundwater SCOs within any of the clean native soil samples retained from the 18 to 20 ft interval, or the soil samples collected from the historic fill layer, representing the 0 to 2 ft or 2 to 4 ft intervals.

Chlorinated Volatile Organic Compounds

The chlorinated VOC Tetrachloroethylene was detected within several of the shallow soil samples collected from the historic fill layer, but not at a concentration above Unrestricted Use SCOs or Protection of Groundwater SCOs. PCE was not detected above the laboratory reporting limit (RL) within any of the soil samples retained at the groundwater interface (11 to 13 ft) or from the native soil layer (18 to 20 ft). It should be noted that the RL for each of the soil samples from the 11 to 13 ft interval was significantly higher due to elevated concentrations of petroleum related VOCs.

The chlorinated VOC Trichloroethylene was detected within six of the ten soil samples collected from the historic fill layer at a concentration above Unrestricted Use SCOs and Protection of Groundwater SCOs. The highest Trichloroethylene concentrations were reported in soil samples 15SB1(2-4) (6,600 µg/kg), 15SB2(0-2) (4,000 µg/kg), and 15SB10 (0-2) (2,100 µg/kg). The 15SB1, 15SB2 and 15SB10 soil borings are all located in the rear of the Site. TCE was not detected above the laboratory reporting limit (RL) within any of the soil samples retained at the groundwater interface (11 to 13 ft) or from the native soil layer (18 to 20 ft), with the exception of soil sample 15SB2(18-20) (3.8 µg/kg). It should be noted that the RL for each of the soil samples from the 11 to 13 ft interval was significantly higher due to elevated concentrations of petroleum related VOCs.

Unrestricted Use SCO exceedances for each soil sample are provided below:

15SB1(2-4') – cis-1,2-Dichloroethene (430 µg/kg), Trichloroethene (6,600 µg/kg)

15SB1(11-13') – Acetone (10,000 µg/kg), Chlorobenzene (8,000 µg/kg), cis-1,2-dichloroethene (1,900 µg/kg), ethylbenzene (2,900 µg/kg), m&p-Xylenes (5,700 µg/kg), n-Propylbenzene (4,800 µg/kg), sec-Butylbenzene (18,000 µg/kg)

15SB1(18-20') – Acetone (210 µg/kg)

15SB2(0-2') – cis-1,2-Dichloroethene (450 µg/kg), Trichloroethene (4,000 µg/kg)

15SB2(11-13') – sec-Butylbenzene (15,000 µg/kg)

15SB2(18-20') – Acetone (630 µg/kg), Methyl Ethyl Ketone (200 µg/kg)

15SB3(18-20') – Acetone (170 µg/kg)

15SB4(11-13') – n-Propylbenzene (12,000 µg/kg), sec-Butylbenzene (19,000 µg/kg)

15SB5(2-4') – Trichloroethene (780 µg/kg)

15SB5(11-13') – sec-Butylbenzene (26,000 µg/kg), tert-Butylbenzene (6,100 µg/kg)

15SB6(0-2') – Trichloroethene (630 µg/kg)

15SB6(18-20') – Acetone (70 µg/kg)

15SB7(0-2') – Trichloroethene (510 µg/kg)

15SB7(11-13') – n-Propylbenzene (4,700 µg/kg), sec-Butylbenzene (27,000 µg/kg)

15SB8(11-13') – 1,2,4-Trimethylbenzene (6,500 µg/kg), n-butylbenzene (16,000 µg/kg), n-Propylbenzene (31,000 µg/kg), sec-Butylbenzene (31,000 µg/kg)

15SB10(0-2') – Trichloroethene (2,100 µg/kg)

15SB10(11-13') – Vinyl Chloride (350 µg/kg)

15SB10(18-20') – Acetone (200 µg/kg)

SVOCs in Soil Above SCOs:

SVOCs were detected above Unrestricted Use SCOs, Restricted Residential Use SCOs and/or Commercial SCOs (COM) within five of the ten shallow soil samples collected from the historic fill layer, and within two of the soil samples collected at the groundwater interface (11 to 13 ft interval). No SVOCs were detected above Unrestricted Use SCOs or Protection of Groundwater SCOs within any of the soil samples retained from the native soil layer (18 to 20 ft interval). Unrestricted Use SCO and Restricted Residential Use SCO exceedances for each soil sample are provided below.

15SB1 (2-4') – RR – Indeno(1,2,3-cd)pyrene (630 µg/kg)

15SB1 (11-13') – RR – Indeno(1,2,3-cd)pyrene (510 µg/kg)

15SB5 (2-4') – UU – Benzo(k)fluoranthene (3,300 µg/kg)
– RR – Benz(a)anthracene (4,300 µg/kg), Benzo(b)fluoranthene (3,900 µg/kg), Chrysene (4,400 µg/kg), Dibenz(a,h)anthracene (450 µg/kg), Indeno(1,2,3-cd)pyrene (2,400 µg/kg)
– COM – Benzo(a)pyrene (4,500 µg/kg)

15SB5 (11-13') – UU – Benzo(k)fluoranthene (840 µg/kg), Chrysene (1,200 µg/kg)
– RR – Benz(a)anthracene (1,100 µg/kg), Indeno(1,2,3-cd)pyrene (550 µg/kg)
– COM – Benzo(a)pyrene (1,200 µg/kg)

15SB7 (0-2') – UU – Benzo(k)fluoranthene (3,800 µg/kg)
– RR – Benzo(b)fluoranthene (4,100 µg/kg), Chrysene (6,600 µg/kg), Indeno(1,2,3-cd)pyrene (3,200 µg/kg)
– COM – Benz(a)anthracene (6,400 µg/kg), Benzo(a)pyrene (5,000 µg/kg), Dibenz(a,h)anthracene (660 µg/kg)

15SB8 (0-2') – UU – Benzo(k)fluoranthene (1,600 µg/kg), Chrysene (2,300 µg/kg)
– RR – Benz(a)anthracene (2,000 µg/kg), Benzo(b)fluoranthene (1,600 µg/kg), Indeno(1,2,3-cd)pyrene (990 µg/kg)
– COM – Benzo(a)pyrene (1,900 µg/kg)

15SB9 (0-2') – UU – Benzo(k)fluoranthene (1,700 µg/kg), Chrysene (2,100 µg/kg)
– RR – Benz(a)anthracene (1,800 µg/kg), Benzo(b)fluoranthene (1,700 µg/kg), Indeno(1,2,3-cd)pyrene (1,100 µg/kg)
– COM – Benzo(a)pyrene (1,800 µg/kg)

Pesticides, Organophosphate Pesticides, and Chlorinated Herbicides in Soil Above

Unrestricted Use SCOs:

The pesticide 4,4'-DDT (7.1 µg/kg) was detected above Unrestricted Use SCOs within the duplicate soil sample. No other pesticides or chlorinated herbicides were detected above Unrestricted Use SCOs or Protection of Groundwater SCOs in any of the soil samples analyzed.

PCBs in Soil Above Unrestricted Use SCOs:

No PCBs were detected in any of the samples analyzed, with the exception of PCB-1260 (58 µg/kg) which was detected in soil sample 15SB1(2-4') at a concentration below Unrestricted Use SCOs.

Metals in Soil Above SCOs:

Metals were detected above Unrestricted Use SCOs (UU), Restricted Residential Use SCOs (RRU) and/or Commercial SCOs (COM) within all ten shallow soil samples collected from the historic fill layer (0 to 2ft and 2 to 4ft intervals), and within all but two of the soil samples retained from the native soil layer (18 to 20 ft interval). Unrestricted Use, Restricted Residential Use and Commercial Use SCO exceedances for each soil sample are provided below.

15SB1 (2-4')	– UU –	Chromium (87.7 mg/kg), Copper (52.4 mg/kg), Lead (228 mg/kg), Mercury (0.72 mg/kg), Nickel (138 mg/kg), Zinc (577 mg/kg)
15SB2 (0-2')	– UU –	Copper (97.9 mg/kg), Mercury (1 mg/kg), Zinc (300 mg/kg)
	– RRU –	Lead (776 mg/kg)
15SB2 (18-20')	– UU –	Lead (103 mg/kg), Mercury (0.4 mg/kg), Zinc (114 mg/kg)
	– COM –	Arsenic (17.7 mg/kg)
15SB3 (2-4')	– UU –	Arsenic (13.4 mg/kg), Zinc (995 mg/kg)
	– RRU –	Mercury (2.75 mg/kg)
	– COM –	Barium (743 mg/kg), Copper (938 mg/kg), Lead (2,790 mg/kg)
15SB3 (18-20')	– UU –	Mercury (0.55 mg/kg)
15SB4 (0-2')	– UU –	Copper (63.9 mg/kg), Lead (162 mg/kg), Zinc (184 mg/kg)
15SB4 (18-20')	– UU –	Copper (89.6 mg/kg), Zinc (359 mg/kg)
	– RRU –	Lead (512 mg/kg)
	– COM –	Arsenic (18.1 mg/kg), Mercury (3.35 mg/kg)
15SB5 (2-4')	– UU –	Copper (50.4 mg/kg), Lead (190 mg/kg), Zinc (177 mg/kg)
	– RRU –	Mercury (0.92 mg/kg)
15SB6 (0-2')	– UU –	Arsenic (14.4 mg/kg), Copper (95.2 mg/kg), Mercury (0.45 mg/kg), Zinc (768 mg/kg)
15SB6 (18-20')	– UU –	Lead (122 mg/kg), Nickel (65 mg/kg), Zinc (197 mg/kg)
	– COM –	Arsenic (31.5 mg/kg), Barium (818 mg/kg), Mercury (14 mg/kg)

15SB7 (0-2')	– UU – Copper (62.4 mg/kg), Lead (172 mg/kg), Zinc (150 mg/kg) – COM – Mercury (3.04 mg/kg)
15SB7 (18-20')	– UU – Copper (119 mg/kg), Zinc (217 mg/kg) – RRU – Lead (529 mg/kg) – COM – Arsenic (17.9 mg/kg), Mercury (11.3 mg/kg)
15SB8 (0-2')	– UU – Copper (59.2 mg/kg), Lead (317 mg/kg), Mercury (0.21 mg/kg), Zinc (222 mg/kg)
15SB8 (18-20')	– UU – Lead (134 mg/kg), Zinc (136 mg/kg) – RRU – Mercury (0.92 mg/kg)
15SB9 (0-2')	– UU – Arsenic (15.2 mg/kg), Copper (66.8 mg/kg), Zinc (170 mg/kg) – RRU – Lead (612 mg/kg) – COM – Mercury (4.47 mg/kg)
15SB9 (18-20')	– UU – Lead (106 mg/kg) – COM – Arsenic (27 mg/kg)
15SB10 (0-2')	– UU – Copper (60 mg/kg), Lead (213 mg/kg), Zinc (112 mg/kg) – RRU – Cadmium (2.95 mg/kg)
15SB10 (18-20')	– UU – Copper (77 mg/kg), Lead (268 mg/kg), Zinc (277 mg/kg) – COM – Arsenic (35.8 mg/kg), Mercury (12.1 mg/kg)

2.6.2 Analytical Results – Groundwater Samples

A total of eight groundwater samples were collected from the eight groundwater monitoring wells for laboratory analysis of VOCs (EPA Method 8260), SVOCs (EPA Method 8270), pesticides/PCBs (EPA Method 8081/8082), and total and dissolved TAL metals (EPA Method 6010). The results of groundwater samples collected during the RI are summarized in **Tables 7** through **11** and posted on **Figure 9**. Several VOC detections were in excess of the NYSDEC Division of Water, Technical & Operational Guidance Series 1.1.1, Ambient Water Quality Standards (GQS) for Class GA (drinking water), June 1998.

VOCs in Groundwater Above GQS:

No VOCs were detected above GQS within groundwater samples 15MW3 and 15MW6. VOCs consisting primarily of petroleum related VOCs were detected above GQS within groundwater samples 15MW1, 15MW2, 15MW4, 15MW5, 15MW7 and 15MW8. GQS exceedences are listed below:

15MW1	– 2-Isopropyltoluene (7 µg/L), Chlorobenzene (8.1 µg/L), cis-1,2,-Dichloroethene (13 µg/L), Isopropylbenzene (8.5 µg/L), n-Propylbenzene (6.2 µg/L), sec-Butylbenzene (15 µg/L), tert-Butylbenzene (6 µg/L), vinyl chloride (13 µg/L)

- 15MW2 – 2-Isopropyltoluene (7.3 µg/L), Acetone (59 µg/L), Chloroethane (56 µg/L), sec-Butylbenzene (12 µg/L), tert-Butylbenzene (6.5 µg/L)
- 15MW4 – 2-Isopropyltoluene (28 µg/L), Chloroethane (130 µg/L), Isopropylbenzene (6.8 µg/L), n-Butylbenzene (5.4 µg/L), sec-Butylbenzene (36 µg/L), tert-Butylbenzene (15 µg/L)
- 15MW5 – 2-Isopropyltoluene (17 µg/L), Chloroethane (23 µg/L), Isopropylbenzene (25 µg/L), n-Propylbenzene (23 µg/L), sec-Butylbenzene (35 µg/L), tert-Butylbenzene (12 µg/L)
- 15MW7 – 1,2,4-Trimethylbenzene (39 µg/L), 2-Isopropyltoluene (88 µg/L), Isopropylbenzene (100 µg/L), n-Butylbenzene (97 µg/L), n-Propylbenzene (170 µg/L), sec-Butylbenzene (210 µg/L), tert-Butylbenzene (39 µg/L)
- 15MW8 – 2-Isopropyltoluene (11 µg/L), Isopropylbenzene (37 µg/L), n-Butylbenzene (11 µg/L), n-Propylbenzene (59 µg/L), sec-Butylbenzene (24 µg/L), tert-Butylbenzene (5.7 µg/L)

The chlorinated VOC Trichloroethene was detected at a concentrations below GQS within 15MW1 (3.5 µg/L), 15MW2 (0.54 µg/L), and 15MW4 (1.2 µg/L). The chlorinated VOCs Tetrachloroethene (0.32 µg/L), Chlorobenzene (8.1 µg/L), cis-1,2-Dichloroethene (13 µg/L), 1,4-Dichlorobenzene (0.91 µg/L), and 1,2-Dichlorobenzene (0.99 µg/L) were also detected in groundwater sample 15MW1.

SVOCs in Groundwater Above GQS:

SVOCs were detected in all eight groundwater samples at concentrations above GQS. SVOC detections above GQS were limited to those polynuclear aromatic hydrocarbons (PAHs) with a 2 per trillion standard.

Pesticides and PCBs in Groundwater Above GQS:

No pesticides or PCBs were detected in any of the groundwater samples collected at the Site.

Dissolved Metals in Groundwater Above GQS:

The dissolved concentrations of the metals Iron, Manganese and/or Sodium were detected above GQS within each of the eight groundwater samples. Dissolved metal GQS exceedances for each groundwater sample are provided below:

15MW1 – Iron (1.63 mg/L), Manganese (0.848 mg/L), Sodium (151 mg/L)

15MW2 – Iron (2.38 mg/L), Manganese (0.82 mg/L), Sodium (164 mg/L)

15MW3 –Manganese (1.21 mg/L), Sodium (203 mg/L)

15MW4 – Iron (1.26 mg/L), Manganese (1.27 mg/L), Sodium (148 mg/L)

15MW5 – Iron (2.24 mg/L), Manganese (0.529 mg/L), Sodium (131 mg/L)

15MW6 – Iron (8.33 mg/L), Manganese (0.39 mg/L), Sodium (144 mg/L)

15MW7 – Iron (4.81 mg/L), Manganese (0.471 mg/L), Sodium (113 mg/L)

15MW8 – Iron (5.27 mg/L), Sodium (74.7 mg/L)

Total Metals in Groundwater Above NYSDEC GQS:

Multiple metals were reported above standards in the unfiltered samples from all of the monitoring wells including Arsenic, Copper, Iron, Lead, Manganese, and Sodium. As demonstrated by the filtered samples, these detections are a function of suspended solids in the sample and are not representative of metals concentrations dissolved in the groundwater.

2.6.4 Analytical Results – Soil Vapor Samples

In order to determine the vapor quality in the soil beneath the Site, soil vapor samples were collected from seven soil vapor implants (SG1 through SG7) installed approximately 8 feet below grade. Analytical results were compared to the Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values, 2003) and NYSDOH Final Guidance on Soil Vapor Intrusion (October 2006) Matrix 1 and Matrix 2 values.

BTEX concentrations were generally low in soil vapor samples. BTEX concentrations ranged from 6.21 $\mu\text{g}/\text{m}^3$ (SG7) to 99.8 $\mu\text{g}/\text{m}^3$ (SV-4).

Chlorinated VOCs (CVOC) were detected at elevated concentrations within several of the soil vapor samples collected at the Site. Trichloroethene (TCE) was detected in all 7 soil gas samples at a maximum concentration of 1,650 $\mu\text{g}/\text{m}^3$ (SG1) and tetrachloroethane was detected within all 7 soil gas samples at a maximum concentration of 47.6 $\mu\text{g}/\text{m}^3$ (SG3).

The CVOC Carbon Tetrachloride was detected within one of the seven soil gas samples at a concentration of 0.35 $\mu\text{g}/\text{m}^3$ and 1,1,1-Trichloroethane was detected within four of the seven soil gas samples at a maximum concentration of 47.6 $\mu\text{g}/\text{m}^3$. Soil vapor results are summarized on **Table 17** and posted on **Figure 10**.

2.6.5 Data Usability Summary Report

Data validation services were provided by H&S Environmental (H&S) of Westborough, Massachusetts. H&S 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. The Data Usability Summary Reports prepared by H&S are provided in **Attachment G**.

3.0 HYDROGEOLOGIC ASSESSMENT AND PHYSICAL SETTING

3.1 Site Topography

According to the USGS topographic map for the area (Brooklyn Quadrangle), the elevation of the property ranges from 19 to 20 feet above the National Geodetic Vertical Datum (NGVD). The area topography gradually slopes downward to the north and west.

3.2 Surrounding Land Use

The area surrounding the property is highly urbanized and predominantly consists of multi-family residential buildings with mixed-use buildings (residential w/ first floor retail) along main corridors such as Driggs Avenue located at the end of the block to the north and McGuinness Boulevard, located two blocks to the east. The area is marked by late 19th and early 20th century row-houses with commercial and industrial properties interspersed throughout the residential sections. A large portion of the neighborhood to the west consists of McCarren Park, which has a track, playing fields and a public swimming pool. The Site is situated on a block (Block 2698) which has historically been utilized for heavy industry and manufacturing. Following a steady decline of manufacturing in the area from the late 1960's through the 1980's, many of the industrial properties were vacated leaving the buildings to be vandalized and become derelict. Conditions continued to decline throughout the 1980's and 1990's.

The land use in the immediate vicinity of the Site includes of a one-story manufacturing building currently occupied with an automotive repair facility (75 Eckford Street) and a 3-story commercial building currently occupied with a Polish Hall/Club (261 Driggs Avenue) to the north, a lot undergoing construction of a new 4-story apartment building (498 Leonard Street) and a one-story warehouse/manufacturing building (488 Leonard Street) to the west, multi-family row houses (62, 64 66 and 68 Eckford Street) to the east and a 10-story apartment building (55 Eckford Street) to the south. There are no daycare centers in the immediate area of the Site, however there are two daycare facilities located within a 1,200 ft radius of the Site. Two schools (Northside Charter High School and John Ericsson Middle School 126) are located at 424 Leonard Street, which is approximately 500 feet to the south.

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

The geologic setting of Long Island is well documented and consists of crystalline bedrock overlain by layers of unconsolidated deposits. According to geologic maps of the area created by the United States Geologic Survey (USGS), the bedrock in this area of Brooklyn is an igneous intrusive classified as the Ravenswood grano-diorite of middle Ordovician to middle Cambrian age. 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.

Soil at the Site consists of historic fill material that extends to depths as great as 13 feet below grade in some areas followed by grey silty clay. According to the USGS topographic map for the area (Brooklyn Quadrangle), the elevation of the property is approximately 14 feet above mean sea level. The area topography gradually slopes downward to the north and west.

Groundwater occurs beneath the Site at a depth of 11 to 12 feet below sidewalk grade (**Table 2**) under water table conditions. Regional groundwater flow is to the northwest and the groundwater flow at the Site was calculated to be towards the north-northwest (**Figure 11**).

4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Identification of Source Areas

4.1.1 Chlorinated VOCs in Soil

The chlorinated VOC Trichloroethene was detected above Unrestricted Use SCOs within shallow soil samples collected from the 0 to 2 ft and 2 to 4 ft intervals across the majority of the Site. The highest concentrations were detected within the rear of the building within soil samples 15SB1 (2-4) (6,600 µg/kg), 15SB2 (0-2) (4,000 µg/kg), and 15SB10 (0-2) (2,100 µg/kg). Trichloroethylene was not detected above the laboratory reporting limit (RL) within any of the RI soil samples retained at the groundwater interface (11 to 13 ft) or from the native soil layer (18 to 20 ft), with the exception of soil sample 15SB2(18-20) (3.8 µg/kg). It should be noted that the RL for each of the soil samples from the 11 to 13 ft interval was significantly higher due to elevated concentrations of petroleum related VOCs. Trichloroethene was detected within a soil sample retained from the water table interface during the subsurface investigation performed in February 2015. Trichloroethene was detected at a concentration of 1,100 µg/kg within soil sample B2(10-12ft).

4.1.2 Petroleum VOCs in Soil

A 5 to 6 ft smear zone of petroleum contaminated soil is present across the Site at the groundwater interface. Petroleum related VOCs were detected above Unrestricted Use SCOs and Protection of Groundwater SCOs within six of the ten soil samples retained from the groundwater interface (11 to 13 feet below grade) during the RI. No petroleum related VOCs were detected above Restricted Residential Use SCOs. Petroleum related VOCs were not detected above Unrestricted Use SCOs or Protection of Groundwater SCOs within any of the clean native soil samples retained from the 18 to 20 ft interval, or the soil samples collected from the historic fill layer, representing the 0 to 2 ft or 2 to 4 ft intervals.

Evidence of a gasoline underground storage tank was observed in the western half of the Site (front). The tank is located approximately 30ft from the western property line (Eckford Street) and 30ft from the southern property line. The tank, tank piping and/or former dispenser may be the source of the petroleum contamination. However, no PID or olfactory evidence of petroleum contamination was noted within the soil boring performed immediately adjacent to the tank until the groundwater interface was encountered. Since no shallow petroleum contaminated soil was encountered within any of the soil borings performed at the Site, the petroleum contaminated soil present at the groundwater interface is likely associated with the spill (NYSDEC Spill No. 1205075) on the adjacent property to the rear/west. NYSDEC notes provided within the EDR Radius Map Report (see Phase I Report) indicated ten 1,000-gallon underground storage tanks were removed from the rear of the property in February of 2015 and test pits excavated at the property and monitoring wells installed on the property noted free product on the groundwater surface.

SVOCs including Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, and Indeno(1,2,3-cd)pyrene were all reported above Restricted Residential Use SCOs within the soil sample collected from the water table interface from soil boring B2 during the February 2015 Subsurface Investigation. Historic fill material was not observed within the soil boring at the water table interface, so the total SVOC concentration in soil sample B2(11-13) (165,300 µg/kg) is believed to be associated with a fuel oil or other petroleum release.

4.1.3 Historic Fill Material

Historic fill material has been identified across the Site to depths as great as 13 feet below grade. The historic fill material contains SVOCs above Restricted Residential Use and Commercial Use SCO, the metals arsenic, barium, copper, lead and mercury above Commercial Use SCO, cadmium, chromium, nickel and zinc above Unrestricted Use and/or Restricted Residential Use SCO.

4.1.4 Elevated Metals in Deep Native Soil

The metals arsenic (maximum of 35.8 ppm) and mercury (maximum of 12.1 ppm) were detected above Commercial Use SCO within several of the soil samples retained from the deep native soil layer (18-20ft). The metal lead (maximum of 529 mg/kg) was detected above Restricted Residential Use SCO, and the metal zinc (359 mg/kg) was detected above Unrestricted Use SCO with the deep soil samples retained from the native soil layer. Soil at the 18-20ft interval was found to consist primarily of a grey silty clay with pieces of shells and/or organic matter such as reeds or peat moss. Prior to being backfilled in the late 1800's, the Site and most of the adjacent properties to the west had a much lower elevation because the area was part of the Bushwick Inlet (formerly known as Bushwick Creek). The elevated metals detected within the soil samples retained from the 18-20ft interval are likely associated with sediment associated with the former creek.

4.2 Groundwater Impacts

4.1.1 Chlorinated VOCs in Groundwater

The chlorinated VOC Trichloroethene was detected at a concentrations below GQS within groundwater samples 15MW1 (3.5 µg/L), 15MW2 (0.54 µg/L), and 15MW4 (1.2 µg/L), which were all collected from the rear (western) and southern end of the Site. The chlorinated VOCs Tetrachloroethene (0.32 µg/L), Chlorobenzene (8.1 µg/L), cis-1,2-Dichloroethene (13 µg/L), 1,4-Dichlorobenzene (0.91 µg/L), and 1,2-Dichlorobenzene (0.99 µg/L) were also detected in groundwater sample 15MW1 which was collected from the southwestern corner (rear) of the Site. These chlorinated VOCs were detected in shallow soil samples (0 to 2 and 2 to 4 feet below grade) collected from the rear of the Site during the RI, and within a deeper soil sample (10 to 12 feet below grade) collected during the February 2015 Subsurface Investigation, which suggests the CVOCs detected in groundwater may be associated with the CVOCs detected in soil within the rear of the Site.

4.1.2 Petroleum VOCs in Groundwater

Petroleum related VOCs were detected above GQS in six of the eight groundwater samples collected at the Site. The concentrations were fairly low, and evenly distributed across the Site. The absence of petroleum contamination within soil above the groundwater interface and the low, evenly distributed concentrations of petroleum related VOCs in groundwater suggests an off-Site source.

SVOC detections above GQS were limited to those polynuclear aromatic hydrocarbons (PAHs) with a 2 parts per trillion standard. Exceedances of the part per trillion standards for PAHs were reported in all eight groundwater samples. SVOCs reported in the parts per trillion range are a function of the laboratory's ability to achieve extremely low detection limits and general background conditions.

No pesticides or PCBs were detected above GQS within any of the groundwater samples collected at

the Site. The dissolved metals detected above GQS (Iron, Manganese, and Sodium) within the groundwater samples collected at the Site are consistent with general groundwater quality throughout the area.

4.3 Soil-Vapor Impacts

BTEX concentrations were generally low within the soil vapor samples. BTEX concentrations ranged from 6.21 $\mu\text{g}/\text{m}^3$ (SG7) to 99.8 $\mu\text{g}/\text{m}^3$ (SV-4).

Chlorinated VOCs (CVOC) were detected at elevated concentrations within several of the soil vapor samples collected at the Site. Trichloroethene (TCE) was detected in all 7 soil gas samples at a maximum concentration of 1,650 $\mu\text{g}/\text{m}^3$ (SG1) and tetrachloroethane was detected within all 7 soil gas samples at a maximum concentration of 47.6 $\mu\text{g}/\text{m}^3$ (SG3). The highest TCE concentrations were detected within two of the soil vapor samples collected from the rear of the building: SG1 (1,650 $\mu\text{g}/\text{m}^3$) and SG6 (245 $\mu\text{g}/\text{m}^3$). The elevated TCE concentrations in soil vapor samples collected from the rear of the building correlates with the elevated TCE concentrations detected in shallow soil samples collected from the rear of the building.

The CVOC Carbon Tetrachloride was detected within one of the seven soil gas samples at a concentration of 0.35 $\mu\text{g}/\text{m}^3$ and 1,1,1-Trichloroethane was detected within four of the seven soil gas samples at a maximum concentration of 47.6 $\mu\text{g}/\text{m}^3$.

4.4 Site Conceptual Model

Contamination at the Site consists of historic fill material that contains metals and SVOCs above Unrestricted Use, Restricted Residential Use, and/or Commercial Use SCOs to depths as great a 13 feet below grade, CVOC contaminated soil in the rear of the Lot from grade to depths of at least 12 feet below grade, and a 5 to 6 foot thick smear zone of petroleum impacted soil at the groundwater interface (approximately 10 to 15 feet below grade).

The historic fill material was likely imported to the Site to raise the grade and backfill a former building's cellar prior to construction of the recently demolished one-story industrial building.

The CVOC contaminated soil at the Site is likely associated with the historic use of Trichloroethene at the Site. From approximately 1959 to 1998, Carter Spray Finishing Corp. utilized two 275-gallon aboveground storage tanks containing Trichloroethene for metal finishing purposes. The most likely release scenario would include a surface spill(s) during use. The nature and extent of the soil contamination is indicative of a limited surface spill which migrated through cracks or other voids in the concrete floor. The timing and scenario of the release are unknown. In any case, the Trichloroethene contamination appears to be limited to the rear half of the Site, and did not migrate much as indicated by the low CVOC concentrations in groundwater. Off-gassing is occurring from the residually contaminated soil which resulted in elevated concentrations of Trichloroethene in soil vapor samples collected from the rear of the Site.

A 5 to 6 ft smear zone of petroleum contaminated soil is present across the Site at the groundwater interface. Petroleum related VOCs were detected above Unrestricted Use SCOs and Protection of

Groundwater SCO's within six of the ten soil samples retained from the groundwater interface (11 to 13 feet below grade) during the RI. Evidence of a gasoline underground storage tank was observed in the central rear half of the Site. The tank, tank piping and/or former dispenser may be the source of the petroleum contamination. However, no PID or olfactory evidence of petroleum contamination was noted within the soil boring performed immediately adjacent to the tank until the groundwater interface was encountered. Since no shallow petroleum contaminated soil was encountered within any of the soil borings performed at the Site, the petroleum contaminated soil present at the groundwater interface is likely associated with the spill (NYSDEC Spill No. 1205075) on the adjacent property to the rear/west. NYSDEC notes provided within the EDR Radius Map Report (see Phase I Screening Report included in **Attachment A**) indicated ten 1,000-gallon underground storage tanks were removed from the rear of the property in February of 2015 and test pits excavated on the adjacent property and monitoring wells installed on the property noted free product on the groundwater surface.

Elevated concentrations of the metals arsenic, lead, mercury and zinc were detected within soil samples retained from the 18-20ft interval. Soil at this depth was found to consist primarily of a grey silty clay with pieces of shells and/or organic matter such as reeds or peat moss. Prior to being backfilled in the late 1800's, the Site and most of the adjacent properties to the west had a much lower elevation because the area was part of the Bushwick Inlet (formerly known as Bushwick Creek). The elevated metals detected within the soil samples retained from the 18-20ft interval are likely associated with sediment associated with the former creek.

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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

5.1.1 Petroleum VOCs in Soil/Groundwater

A 5 to 6 foot smear zone of petroleum contaminated soil was encountered at the groundwater interface across the Site. The petroleum contamination at the groundwater interface is likely associated with the adjacent property to the west (rear). Ten 1,000-gallon underground storage tanks were recently removed near the property line that separates the Site from the adjacent property to the west. Test pits excavated on the adjacent property and monitoring wells installed on the property noted free product on the groundwater surface.

5.1.2 Chlorinated VOCs in Soil/Groundwater/Soil Gas

CVOC contaminated soil was detected within shallow soil samples (0 to 2 feet and 2 to 4 feet below grade) collected from the rear half of the Site during the RI, and one of the deeper soil samples (10 to 12 feet below grade) collected from the rear during the February 2015 Subsurface Investigation. The CVOCs detected within the soil samples are likely associated with the historic use of Trichloroethene at the Site. From approximately 1959 to 1998, Carter Spray Finishing Corp. utilized two 275-gallon aboveground storage tanks containing Trichloroethene. Trichloroethene contamination appears to be limited to the rear half of the Site, and did not migrate much as indicated by the low CVOC concentrations in groundwater. Off-gassing is occurring from the residually contaminated soil which resulted in elevated concentrations of Trichloroethene in soil vapor samples collected from the rear of the Site.

5.1.3 Historic Fill Material

PAHs and other metals such as Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel and Zinc were also present at concentrations above Unrestricted Use, Restricted Residential Use and/or Commercial SCOs in fill material throughout the Site to depths as great as 13 feet below grade.

5.1.4 Elevated Metals in Deep Native Soil

The elevated concentrations of the metals arsenic, lead, mercury and zinc within native soil samples retained from the 18-20ft interval are not believed to be associated with a spill/release. The elevated concentrations are likely present in the sediment of the former Bushwick Inlet (formerly known as Bushwick Creek) which was historically present in the area of the Site.

5.2 Contaminant Release and Transport Mechanism

Historic fill material with elevated concentrations of SVOCs and metals is present across the Site to depths as great as 13 feet below grade. The contaminants detected within the historic fill material are not believed to be associated with a spill/release, but are likely associated with the source of material originally brought in to backfill/raise the property.

The petroleum contamination may be associated with a gasoline underground storage tank located in central rear portion of the Site, the former piping or dispenser associated with the tank, or another unidentified tank. However, no PID or olfactory evidence of petroleum contamination was noted within the soil boring performed immediately adjacent to the tank until the groundwater interface was encountered. Since no shallow petroleum contaminated soil was encountered within any of the soil borings performed at the Site, the petroleum contaminated soil present at the groundwater interface is likely associated with the spill (NYSDEC Spill No. 1205075) on the adjacent property to the rear/west. NYSDEC notes provided within the EDR Radius Map Report (see Phase I Report) indicated ten 1,000-gallon underground storage tanks were removed from the rear of the property in February of 2015 and test pits excavated on the adjacent property and monitoring wells installed on the property noted free product on the groundwater surface. There does not appear to be any significant transfer of petroleum VOCs to the vapor phase.

CVOCs were detected within shallow soil samples (0 to 2 feet and 2 to 4 feet below grade) collected from the rear of the Site and may be the source of CVOC contamination detected in groundwater samples collected at the Site. CVOCs present in on-Site soils are volatilizing to soil vapor contributing to the elevated levels of CVOCs detected within the soil vapor samples collected from the rear of the Site (SG1 and SG6).

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, and heavy metals through several routes. Workers excavating impacted soil may be exposed to VOCs, SVOCs, and heavy metals 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 future building occupants of proposed building, but remediation of the source area and installation of the cellar below/at the groundwater interface 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 CVOCs. Since the highest concentrations in soil vapor were reported in close proximity to the impacted soil area, there appears to be a limited potential for off-Site impacts. This potential will be further reduced following the removal of the source area under the planned redevelopment of the Site.

Potential Off-Site Environmental Impacts: Since petroleum VOCs and chlorinated VOCs in groundwater may be migrating beneath the Site at low concentrations in a north-northwesterly direction, the groundwater to surface water discharge pathway was evaluated. The nearest surface water to the Site is Bushwick Inlet located approximately 2,800 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 soil at the Site consists of a non-native fill material to a depth of approximately 13 feet below grade. PAHs and metals such as Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel and Zinc were detected above Unrestricted Use, Restricted Residential Use, and/or Commercial SCOs within the soil samples collected from the historic fill material. A native grey (wet) silty clay is present below the fill material to a depth of at least 20 feet below grade. Some borings also noted the presence of organic plant matter and/or shells at depths of approximately 15 to 20 feet below grade. Groundwater at the Site is present at a depth of approximately 12 to 13 feet below sidewalk grade and regional groundwater flow is to the northwest. Groundwater flow at the Site was determined to be towards the north-northwest.

A 5 to 6 foot thick smear zone of petroleum impacted soil was detected at the groundwater interface. Petroleum related VOCs were also detected above GQS in six of the eight groundwater samples collected at the Site. The concentrations of petroleum related VOCs in groundwater were fairly low, and evenly distributed across the Site. An absence of petroleum contaminated soil above the groundwater interface indicates the petroleum contamination in soil/ground water is associated with NYSDEC Spill No. 1205075, assigned to the adjacent property to the rear/west. Ten 1,000-gallon underground storage tanks were recently removed near the property line that separates the Site from the adjacent property to the west. Test pits excavated on the adjacent property and monitoring wells installed on the property noted free product on the groundwater surface.

The CVOC Trichloroethene was detected above Unrestricted Use SCOs within shallow soil samples (0 to 2 feet and 2 to 4 feet below grade) collected from the rear of the Site during RI, and within one of the soil samples retained from the groundwater interface during the February 2015 Subsurface Investigation. Therefore, the Trichloroethene detected with soil samples collected from the rear of the Site is likely the source of the low level CVOC (Trichloroethene, Chloroethane, cis-1,2-Dichloroethene) contamination detected in groundwater samples collected at the Site. Trichloroethene present in on-Site soil in the rear of the Site is volatilizing to soil vapor contributing to the elevated levels of Trichloroethene detected within soil vapor samples SG1 (1,650 $\mu\text{g}/\text{m}^3$) and SG6 (245 $\mu\text{g}/\text{m}^3$) which were also collected from the rear of the Site. These Trichloroethylene (TCE) concentrations are above NYSDOH mitigation values.

Arsenic and mercury were detected above Commercial Use SCOs, and lead and zinc were detected above Unrestricted Use SCOs within soil samples retained from the native soil layer at a depth of approximately 18 to 20 feet below grade. The elevated metals concentrations are not believed to be associated with a spill/release. The elevated concentrations are likely present in the sediment of the former Bushwick Inlet (formerly known as Bushwick Creek) which was historically present in the area of the Site.

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 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 commercial buildings may be exposed to CVOCs 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.

Recommendations include removal of the UST(s), excavation and disposal of all petroleum and chlorinated VOC contaminated soil, and proper handling and disposal of all soils excavated for structural elements of the new building. This work would be performed under an approved Remedial Action Work Plan which includes a Soil Management Plan, a Construction Health and Safety Plan and a Community Air Monitoring Plan.

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

7.0 REFERENCES

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

Environmental Business Consultants, *Phase I Environmental Site Assessment Screening* – May 2015.

Environmental Business Consultants, *Phase II Subsurface Investigation Data Summary* – May 2015.

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

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

TABLES

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

Matrix	Location	Number of Samples	Rationale for Sampling	Laboratory Analysis
Subsurface soil (0 to 20 feet)	7 soil borings throughout the Site. Samples collected at 0-2 ft, 11-13ft, and 18-20 ft intervals (15SB2, 15SB4, 15SB6-15SB10).	21	To evaluate the extent of soil impact and obtain information on soil quality at the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals, & SVOC TICs.
Subsurface soil (0 to 20 feet)	2 soil borings throughout the Site. Samples collected at 2-4ft, 11-13ft, and 18-20ft intervals (15SB1 and 15SB3)	6	To evaluate the extent of soil impact and obtain information on soil quality at the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals, Organophosphates, Chlorinated Herbicides, VOC TICs, & SVOC TICs, .
Subsurface soil (0 to 25 feet)	1 soil boring conducted on Site. Samples collected at 2-4ft, 11-13ft, and 22-24ft intervals (15SB5)	3	To evaluate the extent of soil impact and obtain information on soil quality at the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals, Organophosphates, Chlorinated Herbicides, VOC TICs, & SVOC TICs, .
Total (Soils)		30		
Groundwater (water table)	From 8 monitoring wells across the Site.	8	To assess groundwater quality at the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, Total metals & Dissolved metals.
Total (Groundwater)		8		
Soil Gas (SG1-SG7 9 ft below existing grade)	7 soil gas implants installed across the Site.	7	Evaluate soil gas across the Site.	VOCs EPA Method TO15
Total (Soil Gas)		7		
MS/MSD	Matrix spike and Matrix spike duplicates at the rate 5%.	2	To meet requirements of QA / QC program	VOCs EPA Method 8260B, SVOCs EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, Total metals & Dissolved metals.
Trip Blanks	One laboratory prepared trip blank to accompany samples each time they are delivered to the laboratory.	2	To meet requirements of QA / QC program	VOCs EPA Method 8260B
Total (QA / QC Samples)		4		

65 Eckford Street
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Table 2
Well Survey Data

Well No.	Well Diameter (in)	Total Well Depth (ft)	Screened Interval (ft)	Survey Reading	Casing Elevation	DTW 12/22/2015	DTP	PT	GW ELV 12/22/2015
MW1	1	20	10 to 20	5.070	94.93	11.24	-	-	83.69
MW2	1	20	10 to 20	5.000	95	11.31	-	-	83.69
MW3	1	20	10 to 20	5.220	94.78	11.12	-	-	83.66
MW4	1	20	10 to 20	4.100	95.9	12.21	-	-	83.69
MW5	1	20	10 to 20	4.040	95.96	12.30	-	-	83.66
MW6	1	20	10 to 20	3.610	96.39	12.75	-	-	83.64
MW7	1	20	10 to 20	2.870	97.13	13.42	-	-	83.71
MW8	1	20	10 to 20	2.410	97.59	13.92	-	-	83.67

TABLE 3A
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15SB1						15SB2						15SB3						15SB4						15SB5					
			(2-4)		(11-13)		(18-20)		(0-2)		(11-13)		(18-20)		(2-4)		(11-13)		(18-20)		(0-2)		(11-13)		(18-20)		(2-4)		(11-13)		(22-24)	
			12/16/2015		12/16/2015		12/16/2015		12/17/2015		12/17/2015		12/17/2015		12/16/2015		12/16/2015		12/16/2015		12/17/2015		12/17/2015		12/17/2015		12/16/2015		12/16/2015		12/16/2015	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 14	14	< 8900	8,900	< 5.5	5.5	< 16	16	< 14000	14,000	< 90	90	< 19	19	< 6.2	6.2	< 8.8	8.8	< 8.7	8.7	< 4700	4,700	< 21	21	< 20	20	< 6900	6,900	< 16	16
1,1,1-Trichloroethane	680	100,000	< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 680	680	< 23	23	< 4.8	4.8	< 6.2	6.2	< 8.8	8.8	< 2.2	2.2	< 680	680	< 5.2	5.2	< 5.1	5.1	< 6900	6,900	< 4.0	4.0
1,1,2,2-Tetrachloroethane			< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 370	370	< 6.2	6.2	< 570	570	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 220	220	< 6900	6,900	< 4.0	4.0
1,1,2-Trichloroethane			< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 4.8	4.8	< 6.2	6.2	< 8.8	8.8	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 5.1	5.1	< 6900	6,900	< 4.0	4.0
1,1-Dichloroethane	270	26,000	< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 4.8	4.8	< 6.2	6.2	< 8.8	8.8	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 5.1	5.1	< 6900	6,900	< 4.0	4.0
1,1-Dichloroethene	330	100,000	< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 4.8	4.8	< 6.2	6.2	< 8.8	8.8	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 5.1	5.1	< 6900	6,900	< 4.0	4.0
1,1-Dichloropropene			< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 4.8	4.8	< 6.2	6.2	< 8.8	8.8	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 5.1	5.1	< 6900	6,900	< 4.0	4.0
1,2,3-Trichlorobenzene			< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 370	370	< 6.2	6.2	< 570	570	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 220	220	< 6900	6,900	< 4.0	4.0
1,2,3-Trichloropropane			< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 370	370	< 6.2	6.2	< 570	570	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 220	220	< 6900	6,900	< 4.0	4.0
1,2,4-Trichlorobenzene			< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 370	370	< 6.2	6.2	< 570	570	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 220	220	< 6900	6,900	< 4.0	4.0
1,2,4-Trimethylbenzene	3,600	52,000	< 3.5	3.5	< 3500	3,500	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 370	370	< 6.2	6.2	< 570	570	< 2.2	2.2	530	3,600	< 5.2	5.2	< 220	220	1,500	3,500	< 4.0	4.0
1,2-Dibromo-3-chloropropane			< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 370	370	< 6.2	6.2	< 570	570	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 220	220	< 6900	6,900	< 4.0	4.0
1,2-Dibromomethane			< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 4.8	4.8	< 6.2	6.2	< 8.8	8.8	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 5.1	5.1	< 6900	6,900	< 4.0	4.0
1,2-Dichlorobenzene	1,100	100,000	< 3.5	3.5	< 1000	1,000	< 5.5	5.5	< 3.9	3.9	< 1100	1,100	< 23	23	< 370	370	< 6.2	6.2	< 570	570	< 2.2	2.2	< 1100	1,100	< 5.2	5.2	< 220	220	< 1000	1,000	< 4.0	4.0
1,2-Dichloroethene	20	3,100	< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 20	20	< 4.8	4.8	< 6.2	6.2	< 8.8	8.8	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 5.1	5.1	< 6900	6,900	< 4.0	4.0
1,2-Dichloropropene			< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 4.8	4.8	< 6.2	6.2	< 8.8	8.8	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 5.1	5.1	< 6900	6,900	< 4.0	4.0
1,3,5-Trimethylbenzene	8,400	52,000	< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 370	370	< 6.2	6.2	< 570	570	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 220	220	< 6900	6,900	< 4.0	4.0
1,3-Dichlorobenzene	2,400	4,900	< 3.5	3.5	< 2000	2,000	< 5.5	5.5	< 3.9	3.9	< 2400	2,400	< 23	23	< 370	370	< 6.2	6.2	< 570	570	< 2.2	2.2	< 2400	2,400	< 5.2	5.2	< 220	220	< 1000	1,000	< 4.0	4.0
1,3-Dichloropropene			< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 4.8	4.8	< 6.2	6.2	< 8.8	8.8	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 5.1	5.1	< 6900	6,900	< 4.0	4.0
1,4-Dichlorobenzene	1,800	13,000	< 3.5	3.5	< 1800	1,800	< 5.5	5.5	< 3.9	3.9	< 1800	1,800	< 23	23	< 370	370	< 6.2	6.2	< 570	570	< 2.2	2.2	< 1800	1,800	< 5.2	5.2	< 220	220	< 1000	1,000	< 4.0	4.0
1,4-Dioxane	100	13,000	< 70	70	< 180000	180,000	< 98	98	< 70	70	< 69000	69,000	< 450	450	< 96	96	< 100	100	< 100	100	< 43	43	< 93000	93,000	< 100	100	< 100	100	< 140000	140,000	< 80	80
1,2-Dichloropropene			< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 4.8	4.8	< 6.2	6.2	< 8.8	8.8	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 5.1	5.1	< 6900	6,900	< 4.0	4.0
2-Chlorotoluene			< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 370	370	< 6.2	6.2	< 570	570	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 220	220	< 6900	6,900	< 4.0	4.0
2-Hexanone (Methyl Butyl Ketone)			< 18	18	< 45000	45,000	< 27	27	< 20	20	< 17000	17,000	< 110	110	< 24	24	< 31	31	< 44	44	< 11	11	< 23000	23,000	< 26	26	< 25	25	< 35000	35,000	< 20	20
2-Isopropyltoluene			< 3.5	3.5	6,300	8,900	< 5.5	5.5	< 3.9	3.9	7,800	6,900	< 23	23	< 370	370	< 6.2	6.2	< 570	570	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 220	220	11,000	6,900	0.92	4.0
4-Chlorotoluene			< 3.5	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 370	370	< 6.2	6.2	< 570	570	< 2.2	2.2	< 4700	4,700	< 5.2	5.2	< 220	220	< 6900	6,900	< 4.0	4.0
4-Methyl-2-Pentanone			< 18	18	< 45000	45,000	< 27	27	< 20	20	< 17000	17,000	< 110	110	< 24	24	< 31	31	< 44	44	< 11	11	< 23000	23,000	< 26	26	< 25	25	< 35000	35,000	< 20	20
Acetone	50	100,000	9.3	35	10,000	89,000	210	55	< 39	39	< 34000	34,000	630	230	14	48	29	50	170	88	3.9	22	< 47000	47,000	32	50	< 50	50	< 69000	69,000	47	40
Acrolein			< 14	14	< 35000	35,000	< 22	22	< 16	16	< 14000	14,000	< 90	90	< 19	19	< 25	25	< 35	35	< 8.7	8.7	< 19000	19,000	< 21	21	< 20	20	< 28000	28,000	< 16	16
Acrylonitrile			< 70	70	< 35000	35,000	< 11	11	< 16	16	< 14000	14,000	< 90	90	< 19	19	< 12	12	< 35	35	< 8.7	8.7	< 19000	19,000	< 21	21	< 20	20	< 14000	14,000	< 16	16
Benzene	60	4,800	0.45	3.5	< 8900	8,900	< 5.5	5.5	< 3.9	3.9	< 3400	3,400	< 23	23	< 4.8	4.8	< 6.2	6.2	< 8.8	8.8	< 2.2	2.2	< 4700	4,700	< 5.2							

TABLE 3B
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15SB6						15SB7						15SB8						15SB9						15SB10						Duplicate	
			(9-2)		(11-13)		(18-20)		(9-2)		(11-13)		(18-20)		(9-2)		(11-13)		(18-20)		(9-2)		(11-13)		(18-20)		(9-2)		(11-13)		(18-20)			
			12/17/2015		12/17/2015		12/17/2015		12/17/2015		12/17/2015		12/17/2015		12/17/2015		12/17/2015		12/17/2015		12/17/2015		12/17/2015		12/17/2015		12/17/2015		12/17/2015		12/17/2015		12/17/2015	
			µg/Kg	RL	Result	RL	Result	RL	µg/Kg	RL	Result	RL	Result	RL	µg/Kg	RL	Result	RL	µg/Kg	RL	Result	RL	µg/Kg	RL	Result	RL	µg/Kg	RL	Result	RL	µg/Kg	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 32	32	< 9700	9,700	< 26	26	< 16	16	< 7500	7,500	< 1000	1,000	< 13	13	< 19000	19,000	< 24	24	< 1100	1,100	< 10	10	< 7.6	7.6	< 13	13	< 1700	1,700	< 65	65	< 9.9	9.9
1,1,1-Trichloroethane	680	100,000	< 8.1	8.1	< 160	160	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	3.4	180	< 8.1	8.1	< 4.0	4.0	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,1,2,2-Tetrachloroethane			< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,1,2-Trichloroethane			< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,1-Dichloroethane	270	26,000	< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 270	270	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 270	270	< 14	14	< 2.5	2.5
1,1-Dichloroethene	330	100,000	< 8.1	8.1	< 330	330	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 330	330	< 14	14	< 2.5	2.5
1,1-Dichloropropene			< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,2,3-Trichlorobenzene			< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,2,3-Trichloropropane			< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,2,4-Trichlorobenzene			< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,2,4-Trimethylbenzene	3,600	52,000	< 8.1	8.1	< 2400	2,400	0.81	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	0.48	3.2	6,500	5,900	46	280	64	280	510	530	< 220	220	< 320	320	410	420	< 1,000	1,000	< 2.5	2.5
1,2-Dibromo-3-chloropropane			< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,2-Dibromomethane			< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,2-Dichlorobenzene	1,100	100,000	< 8.1	8.1	< 1100	1,100	< 6.5	6.5	< 4.0	4.0	< 1100	1,100	< 250	250	< 3.2	3.2	< 1100	1,100	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,2-Dichloroethane	20	3,100	< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,2-Dichloropropane			< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,3-Trichlorobenzene	8,400	52,000	< 8.1	8.1	< 2400	2,400	0.99	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,3-Dichlorobenzene	2,400	4,900	< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 2400	2,400	< 250	250	< 3.2	3.2	< 2400	2,400	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,3-Dichloropropane			< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,4-Dichlorobenzene	1,800	13,000	< 8.1	8.1	< 1800	1,800	< 6.5	6.5	< 4.0	4.0	< 1800	1,800	< 250	250	< 3.2	3.2	< 1800	1,800	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
1,4-dioxane	100	13,000	< 100	100	< 48000	48,000	< 100	100	< 80	80	< 160000	160,000	< 5000	5,000	< 63	63	< 97000	97,000	< 100	100	< 5600	5,600	< 51	51	< 100	100	< 67	67	< 8300	8,300	< 100	100	< 49	49
2,2-Dichloropropane			< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
2-Chlorotoluene			< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
2-Hexanone (Methyl Butyl Ketone)			< 40	40	< 12000	12,000	< 32	32	< 20	20	< 40000	40,000	< 1200	1,200	< 16	16	< 24000	24,000	< 30	30	< 1400	1,400	< 13	13	< 38	38	< 17	17	< 2100	2,100	< 69	69	< 12	12
2-Chloropropylene			< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
2-Chlorotoluene			< 8.1	8.1	< 2400	2,400	< 6.5	6.5	< 4.0	4.0	< 7500	7,500	< 250	250	< 3.2	3.2	< 4900	4,900	< 5.9	5.9	< 280	280	< 2.6	2.6	< 7.6	7.6	< 3.3	3.3	< 420	420	< 14	14	< 2.5	2.5
4-Methyl-2-Pentanone			< 40	40	< 12000	12,000	< 32	32	< 20	20	< 40000	40,000	< 1200	1,200	< 16	16	< 24000	24,000	< 30	30	< 1400	1,400	< 13	13	< 38	38	< 17	17	< 2100	2,100	< 69	69	< 12	12
Acetone	50	100,000	< 50	50	< 24000	24,000	70	50	< 40	40	< 7500	7,500	< 250	250	8.2	32	< 48000	48,000	< 50	50	< 2800	2,800	3.1	26	16	50	< 33	33	< 4200	4,200	230	50	< 25	25
Acrolein			< 32	32	< 9700	9,700	< 26	26	< 16	16	< 32000	32,000	< 1000	1,000	< 13	13	< 18000	18,000	< 24	24	< 1100	1,100	< 10	10	< 31	31	< 13	13	< 1700	1,700	< 55	55	< 9.9	9.9
Acrylonitrile			< 32	32	< 9700	9,700																												

65 Eckford Street
Brooklyn, New York

TABLE 4
Soil Analytical Results
Volatile Organic TICs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15SB5	
			(22-24') 12/17/2015 µg/Kg	
			Result	RL
Cyclohexane, 1-ethyl-4-methyl-, trans- (RT 4.930)			4.1	5
Cyclohexane, butyl- (RT 6.049)			10	5
unknown (RT 5.071)			5	5
unknown (RT 5.123)			7.8	5

Notes:

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

RL- Reporting Limit

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

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

TABLE 5A
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	155B1						155B2						155B3						155B4						155B5					
			(2-4) 12/16/2015		(11-13) 12/16/2015		(18-20) 12/16/2015		(0-2) 12/17/2015		(11-13) 12/17/2015		(18-20) 12/17/2015		(2-4) 12/16/2015		(11-13) 12/16/2015		(18-20) 12/16/2015		(0-2) 12/17/2015		(11-13) 12/17/2015		(18-20) 12/17/2015		(2-4) 12/16/2015		(11-13) 12/16/2015		(22-24) 12/16/2015	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
1,2,4-Trichlorobenzene			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
1,2-Dichlorobenzene			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
1,2-Diphenylhydrazine			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
1,3-Dichlorobenzene			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
1,4-Dichlorobenzene			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
2,4,5-Trichlorophenol			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
2,4,6-Trichlorophenol			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
2,4-Dichlorophenol			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
2,4-Dimethylphenol			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
2,4-Dinitrophenol			< 660	660	< 820	820	< 980	980	< 780	780	< 930	930	< 2400	2,400	< 660	660	< 860	860	< 980	980	< 740	740	< 850	850	< 920	920	< 650	650	< 860	860	< 650	650
2,4-Dinitrotoluene			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
2,6-Dinitrotoluene			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
2-Chloronaphthalene			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
2-Chlorophenol			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
2-Methylnaphthalene			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	300	230	< 300	300	< 230	230
2-Methylphenol (o-cresol)	330	100,000	< 230	230	< 290	290	< 330	330	< 270	270	< 320	320	< 330	330	< 230	230	< 300	300	< 330	330	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
2-Nitroaniline			< 660	660	< 820	820	< 980	980	< 780	780	< 930	930	< 2400	2,400	< 660	660	< 860	860	< 980	980	< 740	740	< 850	850	< 920	920	< 650	650	< 860	860	< 650	650
2-Nitrophenol			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
3&4-Methylphenol (m&p-cresol)	330	100,000	< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
3,3'-Dichlorobenzidine			< 660	660	< 820	820	< 980	980	< 780	780	< 930	930	< 2400	2,400	< 660	660	< 860	860	< 980	980	< 740	740	< 850	850	< 920	920	< 650	650	< 860	860	< 650	650
3-Nitroaniline			< 660	660	< 820	820	< 980	980	< 780	780	< 930	930	< 2400	2,400	< 660	660	< 860	860	< 980	980	< 740	740	< 850	850	< 920	920	< 650	650	< 860	860	< 650	650
4,6-Dinitro-2-methylphenol			< 1600	1,600	< 2,100	2,100	< 2,500	2,500	< 2000	2,000	< 2,500	2,500	< 6000	6,000	< 1600	1,600	< 2,200	2,200	< 2,500	2,500	< 1600	1,600	< 2,100	2,100	< 2,500	2,500	< 1600	1,600	< 2,200	2,200	< 1600	1,600
4-Bromophenyl phenyl ether			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
4-Chloro-3-methylphenol			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
4-Chloroaniline			< 260	260	< 330	330	< 390	390	< 310	310	< 370	370	< 960	960	< 260	260	< 340	340	< 390	390	< 290	290	< 340	340	< 370	370	< 260	260	< 350	350	< 260	260
4-Chlorophenyl phenyl ether			< 230	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	< 230	230	< 300	300	< 230	230
4-Nitroaniline			< 660	660	< 820	820	< 980	980	< 780	780	< 930	930	< 2400	2,400	< 660	660	< 860	860	< 980	980	< 740	740	< 850	850	< 920	920	< 650	650	< 860	860	< 650	650
4-Nitrophenol			< 330	330	< 410	410	< 490	490	< 390	390	< 460	460	< 1200	1,200	< 330	330	< 430	430	< 490	490	< 370	370	< 420	420	< 460	460	< 330	330	< 430	430	< 330	330
Acenaphthene	20,000	100,000	< 230	230	380	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	210	300	< 320	320	620	230	1,400	300	< 230	230
Acenaphthylene	100,000	100,000	96	230	< 290	290	< 340	340	< 270	270	< 320	320	< 840	840	< 230	230	< 300	300	< 340	340	< 260	260	< 300	300	< 320	320	230	230	180	300	< 23	

TABLE 5B
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15SB6						15SB7						15SB8						15SB9						15SB10						Duplicate	
			(0-2) 12/17/2015		(11-13) 12/17/2015		(18-20) 12/17/2015		(0-2) 12/17/2015		(11-13) 12/17/2015		(18-20) 12/17/2015		(0-2) 12/17/2015		(11-13) 12/17/2015		(18-20) 12/17/2015		(0-2) 12/17/2015		(11-13) 12/17/2015		(18-20) 12/17/2015		(0-2) 12/17/2015		(11-13) 12/17/2015		(18-20) 12/17/2015			
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg			
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
1,2,4-Trichlorobenzene			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
1,2-Dichlorobenzene			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
1,2-Diphenylhydrazine			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
1,3-Dichlorobenzene			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
1,4-Dichlorobenzene			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
2,4,5-Trichlorophenol			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
2,4,6-Trichlorophenol			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
2,4-Dichlorophenol			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
2,4-Dimethylphenol			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
2,4-Dinitrophenol			< 760	760	< 990	990	< 1000	1,000	< 750	750	< 820	820	< 880	880	< 750	750	< 860	860	< 940	940	< 770	770	< 810	810	< 750	750	< 720	720	< 980	980	< 1300	1,300	< 810	810
2,4-Dinitrotoluene			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
2,6-Dinitrotoluene			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
2-Chloronaphthalene			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
2-Chlorophenol			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
2-Methylnaphthalene			< 270	270	< 350	350	< 360	360	770	260	< 290	290	< 310	310	160	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
2-Methylphenol (o-cresol)	330	100,000	< 270	270	< 330	330	< 330	330	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 330	330	< 330	330	< 280	280
2-Nitroaniline			< 760	760	< 990	990	< 1000	1,000	< 750	750	< 820	820	< 880	880	< 750	750	< 860	860	< 940	940	< 770	770	< 810	810	< 750	750	< 720	720	< 980	980	< 1300	1,300	< 810	810
2-Nitrophenol			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
3,4-Methylphenol (m&p-cresol)	330	100,000	< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
3,3'-Dichlorobenzidine			< 760	760	< 990	990	< 1000	1,000	< 750	750	< 820	820	< 880	880	< 750	750	< 860	860	< 940	940	< 770	770	< 810	810	< 750	750	< 720	720	< 980	980	< 1300	1,300	< 810	810
3-Nitroaniline			< 760	760	< 990	990	< 1000	1,000	< 750	750	< 820	820	< 880	880	< 750	750	< 860	860	< 940	940	< 770	770	< 810	810	< 750	750	< 720	720	< 980	980	< 1300	1,300	< 810	810
4,6-Dinitro-2-methylphenol			< 1900	1,900	< 2500	2,500	< 2600	2,600	< 1900	1,900	< 2100	2,100	< 2200	2,200	< 1900	1,900	< 2200	2,200	< 2300	2,300	< 1900	1,900	< 2000	2,000	< 1900	1,900	< 1900	1,900	< 2400	2,400	< 3200	3,200	< 2000	2,000
4-Bromophenyl phenyl ether			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
4-Chloro-3-methylphenol			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
4-Chloroaniline			< 300	300	< 400	400	< 410	410	< 300	300	< 330	330	< 350	350	< 300	300	< 350	350	< 380	380	< 310	310	< 320	320	< 300	300	< 250	250	< 380	380	< 510	510	< 320	320
4-Chlorophenyl phenyl ether			< 270	270	< 350	350	< 360	360	< 260	260	< 290	290	< 310	310	< 260	260	< 300	300	< 330	330	< 270	270	< 280	280	< 260	260	< 250	250	< 340	340	< 440	440	< 280	280
4-Nitroaniline			< 760	760	< 990	990	< 1000	1,000	< 750	750	< 820	820	< 880	880	< 750	750	< 860	860	< 940	940	< 770	770	< 810	810	< 750	750	< 720	720	< 980	980	< 1300	1,300	< 810	810
4-Nitrophenol			< 380	380	< 490	490	< 520	520	< 370	370	< 410	410	< 440	440	< 370	370	< 430	430	< 470	470	< 380	380	< 400	400	< 380	380	< 350	350	< 480	480	< 630	630	< 410	410
Acen																																		

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

TABLE 6A
Soil Analytical Results
Semi-Volatile Organic
TICs (15SB1-15SB5)

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15SB1				15SB2				15SB3				15SB4						15SB5			
			(2-4) 12/16/2015		(18-20) 12/16/2015		(8-2) 12/17/2015		(18-20) 12/17/2015		(2-4) 12/16/2015		(18-20) 12/16/2015		(8-2) 12/17/2015		(11-13) 12/17/2015		(18-20) 12/17/2015		(2-4) 12/16/2015		(22-24) 12/16/2015	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Unknown (RT 1.869)											8,200	4												
Unknown (RT 10.045)																								
unknown (RT 10.351)					3,200	4																		
unknown (RT 10.822)					840	4																		
unknown (RT 11.216)																								
Unknown (RT 11.457)											4,000	4												
unknown (RT 11.863)					1,100	4																		
Unknown (RT 12.128)																								
Unknown (RT 12.174)																								
Unknown (RT 12.198)																								
Unknown (RT 12.615)																								
Unknown (RT 12.645)																		860	4					
Unknown (RT 12.980)																								
Unknown (RT 14.804)																								
Unknown (RT 14.992)																								
Unknown (RT 15.768)													1,100	4										
Unknown (RT 15.768)																								
unknown (RT 15.886)													840	4										
Unknown (RT 15.886)																								
unknown (RT 15.892)					1,500	4																		
Unknown (RT 15.960)											8,000	4												
Unknown (RT 16.051)											2,700	4												
Unknown (RT 16.074)																								
Unknown (RT 16.098)											4,600	4												
Unknown (RT 16.145)													640	4										
Unknown (RT 16.145)																								
Unknown (RT 16.186)											10,000	4												
Unknown (RT 16.286)					760	4																		
Unknown (RT 16.345)											4,600	4												
Unknown (RT 16.480)											1,700	4										560	4	
Unknown (RT 17.033)																								
Unknown (RT 2.075)																								
Unknown (RT 2.445)																								
Unknown (RT 2.546)																								
Unknown (RT 2.552)																								
Unknown (RT 2.610)																								
Unknown (RT 2.699)																								
Unknown (RT 2.704)																								
Unknown (RT 2.734)																								
Unknown (RT 2.751)																								
Unknown (RT 2.810)																								
Unknown (RT 2.816)																								
Unknown (RT 2.828)											7,700	4												
Unknown (RT 2.840)																								
Unknown (RT 2.851)											18,000	4												
Unknown (RT 2.893)																								
Unknown (RT 2.904)																								
Unknown (RT 2.957)											7,000	4												
Unknown (RT 2.975)																								
Unknown (RT 3.010)																								
Unknown (RT 3.063)																								
Unknown (RT 3.075)											25,000	4												
Unknown (RT 3.081)																								
Unknown (RT 3.093)																								
Unknown (RT 3.104)											25,000	4												
Unknown (RT 3.110)																								
Unknown (RT 3.116)																		2,900	4					
Unknown (RT 3.128)																								
Unknown (RT 3.157)																								
Unknown (RT 3.169)																								
Unknown (RT 3.181)											7,100	4												
Unknown (RT 3.193)																								
Unknown (RT 3.198)																								
Unknown (RT 3.234)																								
Unknown (RT 3.275)																								
Unknown (RT 3.287)																								
Unknown (RT 3.310)											8,700	4												
Unknown (RT 3.375)																								
Unknown (RT 3.387)											21,000	4												
Unknown (RT 3.410)																								
Unknown (RT 3.487)																								
Unknown (RT 3.522)																								
Unknown (RT 3.540)											6,600	4												
Unknown (RT 3.569)																		6,000	4					
Unknown (RT 3.581)																								
Unknown (RT 3.587)																								

Notes:
* - 8 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
RL- Reporting Limit
Boldhighlighted- Indicated exceedance of the NYSDC UUSCO Guidance Value
Boldhighlighted- Indicated exceedance of the NYSDC RRSO Guidance Value

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

COMPOUND	NYDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives	1986						1987						1988						1989						1989.19						Duplicate
			(9-2)		(11-2)		(11-2)		(11-2)		(11-2)		(11-2)		(11-2)		(11-2)		(11-2)		(11-2)		(11-2)		(11-2)		(11-2)						
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	
1,1-Dibenzodioxane (RT 6.266)									2,000																								
1,1-Dibenzodioxane isomer (RT 6.265)									2,000																								
1,4-Indene, 1,4-dichloride (RT 4.669)															330																		
1,4-Indene, 2,3-dichloride, 1,1-dimethyl (RT 3.546)																																	
1,4-Indene, 2,4-dichloride (RT 2.239)									2,000																								
2-Pentenoic, 4-hydroxy-4-methyl (RT 1.861)																																	
2-Pentenoic, 4-hydroxy-4-methyl (RT 2.862)																																	
2-Pentenoic, 4-hydroxy-4-methyl (RT 2.863)																																	
2-Pentenoic, 4-hydroxy-4-methyl (RT 2.864)																																	
2-Pentenoic, 4-hydroxy-4-methyl (RT 2.865)																																	
2-Pentenoic, 4-hydroxy-4-methyl (RT 2.866)																																	
2-Pentenoic, 4-hydroxy-4-methyl (RT 2.867)																																	
2-Pentenoic, 4-hydroxy-4-methyl (RT 2.868)																																	
2-Pentenoic, 4-hydroxy-4-methyl (RT 2.869)																																	
2-Pentenoic, 4-hydroxy-4-methyl (RT 2.870)																																	
2-Pentenoic, 4-hydroxy-4-methyl (RT 2.871)																																	
2-Pentenoic, 4-hydroxy-4-methyl (RT 2.872)																																	
2-Pentenoic, 4-hydroxy-4-methyl (RT 2.873)																																	
2-Pentenoic, 4-hydroxy-4-methyl (RT 2.874)																																	
2-Pentenoic, 4-hydroxy-4-methyl (RT 2.875)																																	
2-Phenylphenylketene (RT 7.476)																																	
2-Heptene, 2,3-dimethyl (RT 2.834)																																	
Anthracene, 1-methyl (RT 2.235)																																	
Anthracene, 2,1,11-dimethyl (RT 3.889)																																	
Anthracene, 2-methyl (RT 2.235)																																	
Benzenes, (2-methyl-1-nonyl) (RT 3.546)																																	
Benzenes, (2-methyl-1-nonyl) (RT 3.546)																																	
Benzenes, 1,2,3,4-tetramethyl (RT 3.739)																																	
Benzenes, 1,2,3,4-tetramethyl (RT 3.739)																																	
Benzenes, 1,2,3,4-tetramethyl (RT 3.739)																																	
Benzenes, 1,2,3,4-tetramethyl (RT 3.739)																																	
Benzenes, 1,2,3,4-tetramethyl (RT 3.739)																																	

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

Bold/highlighted: Indicated exceedance of the NYSED UUSCO Guidance Value

TABLE 7A
Soil Analytical Results
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15SB1				15SB2				15SB3				15SB4				15SB5			
				(2-4') 12/16/2015 µg/Kg		(18-20') 12/16/2015 µg/Kg		(0-2') 12/17/2015 µg/Kg		(18-20') 12/17/2015 µg/Kg		(2-4') 12/16/2015 µg/Kg		(18-20') 12/16/2015 µg/Kg		(0-2') 12/17/2015 µg/Kg		(18-20') 12/17/2015 µg/Kg		(2-4') 12/16/2015 µg/Kg		(22-24') 12/16/2015 µg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	3.3	13,000	< 2.0	2.0	< 2.9	2.9	< 2.3	2.3	< 4.1	4.1	< 1.9	1.9	< 2.9	2.9	< 2.2	2.2	< 2.8	2.8	< 2.0	2.0	< 2.0	2.0
	4,4' -DDE	3.3	8,900	< 2.0	2.0	< 2.9	2.9	< 2.3	2.3	< 4.1	4.1	< 1.9	1.9	< 2.9	2.9	< 2.2	2.2	< 2.8	2.8	< 2.0	2.0	< 2.0	2.0
	4,4' -DDT	3.3	7,900	< 2.0	2.0	< 2.9	2.9	< 2.3	2.3	< 4.1	4.1	< 1.9	1.9	< 2.9	2.9	< 2.2	2.2	< 2.8	2.8	< 2.0	2.0	< 2.0	2.0
	a-BHC	20	480	< 6.6	6.6	< 9.8	9.8	< 7.8	7.8	< 16	16	< 6.5	6.5	< 9.8	9.8	< 7.3	7.3	< 9.3	9.3	< 6.6	6.6	< 6.5	6.5
	a-Chlordane	94	4,200	< 3.3	3.3	< 4.9	4.9	< 3.9	3.9	< 8.1	8.1	< 3.2	3.2	< 4.9	4.9	< 3.6	3.6	< 4.7	4.7	< 3.3	3.3	< 3.3	3.3
	Aldrin	5	97	< 3.3	3.3	< 4.9	4.9	< 3.9	3.9	< 4.1	4.1	< 3.2	3.2	< 4.9	4.9	< 3.6	3.6	< 4.7	4.7	< 3.3	3.3	< 3.3	3.3
	b-BHC	36	360	< 6.6	6.6	< 9.8	9.8	< 7.8	7.8	< 16	16	< 6.5	6.5	< 9.8	9.8	< 7.3	7.3	< 9.3	9.3	< 6.6	6.6	< 6.5	6.5
	Chlordane	94	4,200	< 33	33	< 49	49	< 39	39	< 81	81	< 32	32	< 49	49	< 36	36	< 47	47	< 33	33	< 33	33
	d-BHC	40	100,000	< 6.6	6.6	< 9.8	9.8	< 7.8	7.8	< 16	16	< 6.5	6.5	< 9.8	9.8	< 7.3	7.3	< 9.3	9.3	< 6.6	6.6	< 6.5	6.5
	Dieldrin	5	200	< 3.3	3.3	< 4.9	4.9	< 3.9	3.9	< 2.4	2.4	< 3.2	3.2	< 4.9	4.9	< 3.6	3.6	< 4.7	4.7	< 3.3	3.3	< 3.3	3.3
	Endosulfan I	2,400	24,000	< 6.6	6.6	< 9.8	9.8	< 7.8	7.8	< 16	16	< 6.5	6.5	< 9.8	9.8	< 7.3	7.3	< 9.3	9.3	< 6.6	6.6	< 6.5	6.5
	Endosulfan II	2,400	24,000	< 6.6	6.6	< 9.8	9.8	< 7.8	7.8	< 16	16	< 6.5	6.5	< 9.8	9.8	< 7.3	7.3	< 9.3	9.3	< 6.6	6.6	< 6.5	6.5
	Endosulfan sulfate	2,400	24,000	< 6.6	6.6	< 9.8	9.8	< 7.8	7.8	< 16	16	< 6.5	6.5	< 9.8	9.8	< 7.3	7.3	< 9.3	9.3	< 6.6	6.6	< 6.5	6.5
	Endrin	14	11,000	< 6.6	6.6	< 9.8	9.8	< 7.8	7.8	< 8.1	8.1	< 6.5	6.5	< 9.8	9.8	< 7.3	7.3	< 9.3	9.3	< 6.6	6.6	< 6.5	6.5
	Endrin aldehyde			< 6.6	6.6	< 9.8	9.8	< 7.8	7.8	< 16	16	< 6.5	6.5	< 9.8	9.8	< 7.3	7.3	< 9.3	9.3	< 6.6	6.6	< 6.5	6.5
	Endrin ketone			< 6.6	6.6	< 9.8	9.8	< 7.8	7.8	< 16	16	< 6.5	6.5	< 9.8	9.8	< 7.3	7.3	< 9.3	9.3	< 6.6	6.6	< 6.5	6.5
	g-BHC			< 1.3	1.3	< 2.0	2.0	< 1.6	1.6	< 3.2	3.2	< 1.3	1.3	< 2.0	2.0	< 1.5	1.5	< 1.9	1.9	< 1.3	1.3	< 1.3	1.3
	g-Chlordane			< 3.3	3.3	< 4.9	4.9	< 3.9	3.9	< 8.1	8.1	< 3.2	3.2	< 4.9	4.9	< 3.6	3.6	< 4.7	4.7	< 3.3	3.3	< 3.3	3.3
	Heptachlor	42	2,100	< 6.6	6.6	< 9.8	9.8	< 7.8	7.8	< 16	16	< 6.5	6.5	< 9.8	9.8	< 7.3	7.3	< 9.3	9.3	< 6.6	6.6	< 6.5	6.5
	Heptachlor epoxide			< 6.6	6.6	< 9.8	9.8	< 7.8	7.8	< 16	16	< 6.5	6.5	< 9.8	9.8	< 7.3	7.3	< 9.3	9.3	< 6.6	6.6	< 6.5	6.5
	Methoxychlor			< 33	33	< 49	49	< 39	39	< 81	81	< 32	32	< 49	49	< 36	36	< 47	47	< 33	33	< 33	33
	Toxaphene			< 130	130	< 200	200	< 160	160	< 320	320	< 130	130	< 200	200	< 150	150	< 190	190	< 130	130	< 130	130
Chlorinated Herbicides	2,4,5-T			< 41	41	< 120	120	-	-	-	-	< 41	41	< 120	120	-	-	-	-	< 42	42	< 82	82
	2,4,5-TP (Silvex)			< 41	41	< 120	120	-	-	-	-	< 41	41	< 120	120	-	-	-	-	< 42	42	< 82	82
	2,4-D			< 41	41	< 120	120	-	-	-	-	< 41	41	< 120	120	-	-	-	-	< 42	42	< 82	82
	2,4-DB			< 410	410	< 1200	1,200	-	-	-	-	< 410	410	< 1200	1,200	-	-	-	-	< 420	420	< 820	820
	Dalapon			< 41	41	< 120	120	-	-	-	-	< 41	41	< 120	120	-	-	-	-	< 42	42	< 82	82
	Dicamba			< 82	82	< 230	230	-	-	-	-	< 82	82	< 250	250	-	-	-	-	< 83	83	< 160	160
	Dichloroprop			< 41	41	< 120	120	-	-	-	-	< 41	41	< 120	120	-	-	-	-	< 42	42	< 82	82
	Dinoseb			< 82	82	< 230	230	-	-	-	-	< 82	82	< 250	250	-	-	-	-	< 83	83	< 160	160
Organophosphate Pesticides	Alachlor			< 33	33	< 49	49	-	-	-	-	< 33	33	< 50	50	-	-	-	-		33	< 32	32
	Atrazine			< 33	33	< 49	49	-	-	-	-	< 33	33	< 50	50	-	-	-	-	< 33	33	< 32	32
	Azinphos methyl			< 40	40	< 49	49	-	-	-	-	< 33	33	< 50	50	-	-	-	-	< 33	33	< 32	32
	Diazinon			< 33	33	< 49	49	-	-	-	-	< 33	33	< 50	50	-	-	-	-	< 33	33	< 32	32
	Disulfoton			< 33	33	< 49	49	-	-	-	-	< 33	33	< 50	50	-	-	-	-	< 33	33	< 32	32
	Malathion			< 33	33	< 49	49	-	-	-	-	< 33	33	< 50	50	-	-	-	-	< 33	33	< 32	32
	Simazine			< 33	33	< 49	49	-	-	-	-	< 33	33	< 50	50	-	-	-	-	< 33	33	< 32	32
PCBs	PCB-1016	100	1,000	< 33	33	< 49	49	< 39	39	< 81	81	< 32	32	< 49	49	< 36	36	< 47	47	< 33	33	< 33	33
	PCB-1221	100	1,000	< 33	33	< 49	49	< 39	39	< 81	81	< 32	32	< 49	49	< 36	36	< 47	47	< 33	33	< 33	33
	PCB-1232	100	1,000	< 33	33	< 49	49	< 39	39	< 81	81	< 32	32	< 49	49	< 36	36	< 47	47	< 33	33	< 33	33
	PCB-1242	100	1,000	< 33	33	< 49	49	< 39	39	< 81	81	< 32	32	< 49	49	< 36	36	< 47	47	< 33	33	< 33	33
	PCB-1248	100	1,000	< 33	33	< 49	49	< 39	39	< 81	81	< 32	32	< 49	49	< 36	36	< 47	47	< 33	33	< 33	33
	PCB-1254	100	1,000	< 33	33	< 49	49	< 39	39	< 81	81	< 32	32	< 49	49	< 36	36	< 47	47	< 33	33	< 33	33
	PCB-1260	100	1,000	< 33	33	< 49	49	< 39	39	< 81	81	< 32	32	< 49	49	< 36	36	< 47	47	< 33	33	< 33	33
	PCB-1262	100	1,000	< 33	33	< 49	49	< 39	39	< 81	81	< 32	32	< 49	49	< 36	36	< 47	47	< 33	33	< 33	33
	PCB-1268	100	1,000	< 33	33	< 49	49	< 39	39	< 81	81	< 32	32	< 49	49	< 36	36	< 47	47	< 33	33	< 33	33

Notes:

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

RL- Reporting Limit

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

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

65 Eckford Street
Brooklyn, New York

TABLE 7B
Soil Analytical Results
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15SB6				15SB7				15SB8				15SB9				15SB10				Duplicate	
				(0-2') 12/17/2015 µg/Kg		(18-20') 12/17/2015 µg/Kg		(0-2') 12/17/2015 µg/Kg		(18-20') 12/17/2015 µg/Kg		(0-2') 12/17/2015 µg/Kg		(18-20') 12/17/2015 µg/Kg		(0-2') 12/17/2015 µg/Kg		(18-20') 12/17/2015 µg/Kg		(0-2') 12/17/2015 µg/Kg		(18-20') 12/17/2015 µg/Kg		12/17/2015 µg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4'-DDD	3.3	13,000	< 2.3	2.3	< 3.1	3.1	< 2.2	2.2	< 2.7	2.7	< 3.3	3.3	< 2.9	2.9	< 2.3	2.3	< 2.2	2.2	< 2.2	2.2	< 3.2	3.2	< 2.4	2.4
	4,4'-DDE	3.3	8,900	< 2.3	2.3	< 3.1	3.1	< 2.2	2.2	< 2.7	2.7	< 2.2	2.2	< 2.9	2.9	< 2.3	2.3	< 2.2	2.2	< 2.2	2.2	< 3.2	3.2	< 2.4	2.4
	4,4'-DDT	3.3	7,900	< 2.3	2.3	< 3.1	3.1	< 2.2	2.2	< 2.7	2.7	< 2.2	2.2	< 2.9	2.9	< 3.0	3.0	< 2.2	2.2	< 2.2	2.2	< 3.2	3.2	7.1	2.4
	a-BHC	20	480	< 7.8	7.8	< 10	10	< 7.4	7.4	< 8.9	8.9	< 7.4	7.4	< 9.5	9.5	< 7.6	7.6	< 7.5	7.5	< 7.4	7.4	< 13	13	< 8.1	8.1
	a-Chlordane	94	4,200	< 3.9	3.9	< 5.1	5.1	< 3.7	3.7	< 4.5	4.5	< 3.7	3.7	< 4.8	4.8	< 3.8	3.8	< 3.7	3.7	< 3.7	3.7	< 6.4	6.4	10	4.1
	Aldrin	5	97	< 3.9	3.9	< 5.1	5.1	< 3.7	3.7	< 4.5	4.5	< 3.7	3.7	< 4.8	4.8	< 3.8	3.8	< 3.7	3.7	< 3.7	3.7	< 3.2	3.2	< 4.1	4.1
	b-BHC	36	360	< 7.8	7.8	< 10	10	< 7.4	7.4	< 8.9	8.9	< 7.4	7.4	< 9.5	9.5	< 7.6	7.6	< 7.5	7.5	< 7.4	7.4	< 13	13	< 8.1	8.1
	Chlordane	94	4,200	< 39	39	< 51	51	< 37	37	< 45	45	< 37	37	< 48	48	< 38	38	< 37	37	< 37	37	< 64	64	55	41
	d-BHC	40	100,000	< 7.8	7.8	< 10	10	< 7.4	7.4	< 8.9	8.9	< 7.4	7.4	< 9.5	9.5	< 7.6	7.6	< 7.5	7.5	< 7.4	7.4	< 13	13	< 8.1	8.1
	Dieldrin	5	200	< 3.9	3.9	< 5.1	5.1	< 3.7	3.7	< 4.5	4.5	< 3.7	3.7	< 4.8	4.8	< 3.8	3.8	< 3.7	3.7	< 3.7	3.7	< 1.9	1.9	< 4.1	4.1
	Endosulfan I	2,400	24,000	< 7.8	7.8	< 10	10	< 7.4	7.4	< 8.9	8.9	< 7.4	7.4	< 9.5	9.5	< 7.6	7.6	< 7.5	7.5	< 7.4	7.4	< 13	13	< 8.1	8.1
	Endosulfan II	2,400	24,000	< 7.8	7.8	< 10	10	< 7.4	7.4	< 8.9	8.9	< 7.4	7.4	< 9.5	9.5	< 7.6	7.6	< 7.5	7.5	< 7.4	7.4	< 13	13	< 8.1	8.1
	Endosulfan sulfate	2,400	24,000	< 7.8	7.8	< 10	10	< 7.4	7.4	< 8.9	8.9	< 7.4	7.4	< 9.5	9.5	< 7.6	7.6	< 7.5	7.5	< 7.4	7.4	< 13	13	< 8.1	8.1
	Endrin	14	11,000	< 7.8	7.8	< 10	10	< 7.4	7.4	< 8.9	8.9	< 7.4	7.4	< 9.5	9.5	< 7.6	7.6	< 7.5	7.5	< 7.4	7.4	< 13	13	< 8.1	8.1
	Endrin aldehyde			< 7.8	7.8	< 10	10	< 7.4	7.4	< 8.9	8.9	< 7.4	7.4	< 9.5	9.5	< 7.6	7.6	< 7.5	7.5	< 7.4	7.4	< 13	13	< 8.1	8.1
	Endrin ketone			< 7.8	7.8	< 10	10	< 7.4	7.4	< 8.9	8.9	< 7.4	7.4	< 9.5	9.5	< 7.6	7.6	< 7.5	7.5	< 7.4	7.4	< 13	13	< 8.1	8.1
	g-BHC			< 1.6	1.6	< 2.1	2.1	< 1.5	1.5	< 1.8	1.8	< 1.5	1.5	< 1.9	1.9	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5	< 2.5	2.5	< 1.6	1.6
	g-Chlordane			< 3.9	3.9	< 5.1	5.1	< 3.7	3.7	< 4.5	4.5	< 3.7	3.7	< 4.8	4.8	< 3.8	3.8	< 3.7	3.7	< 3.7	3.7	< 6.4	6.4	6.8	4.1
	Heptachlor	42	2,100	< 7.8	7.8	< 10	10	< 7.4	7.4	< 8.9	8.9	< 7.4	7.4	< 9.5	9.5	< 7.6	7.6	< 7.5	7.5	< 7.4	7.4	< 13	13	< 8.1	8.1
	Heptachlor epoxide			< 7.8	7.8	< 10	10	< 7.4	7.4	< 8.9	8.9	< 7.4	7.4	< 9.5	9.5	< 7.6	7.6	< 7.5	7.5	< 7.4	7.4	< 13	13	< 8.1	8.1
	Methoxychlor			< 39	39	< 51	51	< 37	37	< 45	45	< 37	37	< 48	48	< 38	38	< 37	37	< 37	37	< 64	64	< 41	41
	Toxaphene			< 160	160	< 210	210	< 150	150	< 180	180	< 150	150	< 190	190	< 150	150	< 150	150	< 150	150	< 250	250	< 160	160
PCBs	PCB-1016	100	1,000	< 39	39	< 51	51	< 37	37	< 45	45	< 37	37	< 48	48	< 38	38	< 37	37	< 37	37	< 64	64	< 41	41
	PCB-1221	100	1,000	< 39	39	< 51	51	< 37	37	< 45	45	< 37	37	< 48	48	< 38	38	< 37	37	< 37	37	< 64	64	< 41	41
	PCB-1232	100	1,000	< 39	39	< 51	51	< 37	37	< 45	45	< 37	37	< 48	48	< 38	38	< 37	37	< 37	37	< 64	64	< 41	41
	PCB-1242	100	1,000	< 39	39	< 51	51	< 37	37	< 45	45	< 37	37	< 48	48	< 38	38	< 37	37	< 37	37	< 64	64	< 41	41
	PCB-1248	100	1,000	< 39	39	< 51	51	< 37	37	< 45	45	< 37	37	< 48	48	< 38	38	< 37	37	< 37	37	< 64	64	< 41	41
	PCB-1254	100	1,000	< 39	39	< 51	51	< 37	37	< 45	45	< 37	37	< 48	48	< 38	38	< 37	37	< 37	37	< 64	64	< 41	41
	PCB-1260	100	1,000	< 39	39	< 51	51	< 37	37	< 45	45	< 37	37	< 48	48	< 38	38	< 37	37	< 37	37	< 64	64	< 41	41
	PCB-1262	100	1,000	< 39	39	< 51	51	< 37	37	< 45	45	< 37	37	< 48	48	< 38	38	< 37	37	< 37	37	< 64	64	< 41	41
	PCB-1268	100	1,000	< 39	39	< 51	51	< 37	37	< 45	45	< 37	37	< 48	48	< 38	38	< 37	37	< 37	37	< 64	64	< 41	41

Notes:

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

RL- Reporting Limit

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

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

TABLE 8A
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15SB1				15SB2				15SB3				15SB4				15SB5			
			(2-4') 12/16/2015 µg/Kg		(18-20') 12/16/2015 µg/Kg		(0-2') 12/17/2015 µg/Kg		(18-20') 12/17/2015 µg/Kg		(2-4') 12/16/2015 µg/Kg		(18-20') 12/16/2015 µg/Kg		(0-2') 12/17/2015 µg/Kg		(18-20') 12/17/2015 µg/Kg		(2-4') 12/16/2015 µg/Kg		(22-24') 12/16/2015 µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			5,830	31	857	3.2	8,420	41	18,300	72	6,170	34	1,650	3.5	7,470	35	7,150	48	7,140	31	6,360	30
Antimony			< 1.5	1.5	< 1.6	1.6	2	2.0	< 3.6	3.6	2.5	1.7	< 1.7	1.7	10.1	1.8	< 2.4	2.4	< 1.5	1.5	< 1.5	1.5
Arsenic	13	16	4.5	0.6	1.4	0.6	8.7	8.2	17.7	1.4	13.4	0.7	1.5	0.7	8.8	0.7	18.1	1.0	6.9	0.6	5.3	0.6
Barium	350	350	93	0.6	12.7	0.6	303	0.8	96.2	1.4	743	0.7	16.1	0.7	111	0.7	183	1.0	136	0.6	50.3	0.6
Beryllium	7.2	14	0.25	0.25	0.24	0.26	0.43	0.33	0.67	0.57	0.53	0.27	0.22	0.28	0.19	0.28	0.44	0.39	0.55	0.25	0.45	0.24
Cadmium	2.5	2.5	0.85	0.31	0.21	0.32	1.56	0.41	< 0.72	0.72	1.28	0.34	0.22	0.35	1.19	0.35	0.63	0.48	0.71	0.31	0.42	0.30
Calcium			11,200	31	3,210	3.2	49,300	41	5,690	7.2	14,100	34	3,730	3.5	8,300	3.5	7,480	4.8	2,270	3.1	1,190	3.0
Chromium	30	180	87.7	0.31	2.76	0.32	23.7	4.1	26.3	0.72	19	0.34	2.83	0.35	20.8	0.35	18.5	0.48	16.9	0.31	16.2	0.30
Cobalt			6.31	0.31	0.94	0.32	7.3	4.1	10.7	0.72	7.15	0.34	1.83	0.35	9.03	0.35	9.21	0.48	7.73	0.31	7.95	0.30
Copper	50	270	52.4	0.31	5.75	0.32	97.9	4.1	28.7	0.72	938	3.4	3.78	0.35	63.9	0.35	89.6	0.48	50.4	0.31	13.5	0.30
Iron			14,200	31	2,380	3.2	16,900	41	28,300	72	26,800	34	3,880	3.5	43,000	35	19,300	48	29,400	31	21,900	30
Lead	63	400	228	6.2	11.8	0.6	776	8.2	103	1.4	2,790	63	16.4	0.7	162	7.0	512	9.7	190	6.2	8.8	0.6
Magnesium			1,650	3.1	1,540	3.2	3,120	41	3,570	7.2	686	3.4	1,300	3.5	1,760	3.5	1,480	4.8	1,730	3.1	2,960	3.0
Manganese	1,600	2,000	285	3.1	30.2	0.32	285	4.1	223	0.72	249	3.4	59.8	0.35	323	3.5	284	4.8	337	3.1	72.7	0.30
Mercury	0.18	0.81	0.72	0.03	0.03	0.03	1	0.03	0.4	0.06	2.75	0.24	0.55	0.03	0.16	0.03	3.35	0.36	0.92	0.02	< 0.02	0.02
Nickel	30	140	138	3.1	1.56	0.32	16.6	4.1	18.8	0.72	15.5	0.34	2.8	0.35	14.3	0.35	17.8	0.48	14.1	0.31	14.1	0.30
Potassium			1,070	6	138	6	1,870	8	1,930	140	903	7	327	7	1,780	70	1,190	10	1,160	6	1,610	6
Selenium	3.9	36	< 1.2	1.2	< 1.3	1.3	< 1.6	1.6	< 2.9	2.9	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.9	1.9	< 1.2	1.2	< 1.2	1.2
Silver	2	36	< 0.31	0.31	< 0.32	0.32	< 0.41	0.41	< 0.72	0.72	< 0.34	0.34	< 0.35	0.35	< 0.35	0.35	< 0.48	0.48	< 0.31	0.31	< 0.30	0.30
Sodium			296	6	297	6	931	8	1,180	14	362	68	474	7	788	7	416	10	200	6	142	6
Thallium			< 1.2	1.2	< 1.3	1.3	< 1.6	1.6	< 2.9	2.9	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.9	1.9	< 1.2	1.2	< 1.2	1.2
Vanadium			21.3	0.3	2.5	0.3	23.5	4.1	35.9	0.7	27.4	0.3	4.8	0.3	23.9	0.4	30.6	0.5	23.6	0.3	24.6	0.3
Zinc	109	2,200	577	6.2	8	0.6	300	8.2	114	1.4	995	6.8	8.9	0.7	184	7.0	359	9.7	177	6.2	42.5	0.6

Notes:

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

RL- Reporting Limit

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

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

TABLE 8B
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15SB6				15SB7				15SB8				15SB9				15SB10				Duplicate	
			(0-2") 12/17/2015 mg/Kg		(18-20") 12/17/2015 mg/Kg		(0-2") 12/17/2015 mg/Kg		(18-20") 12/17/2015 mg/Kg		(0-2") 12/17/2015 mg/Kg		(18-20") 12/17/2015 mg/Kg		(0-2") 12/17/2015 mg/Kg		(18-20") 12/17/2015 mg/Kg		(0-2") 12/17/2015 mg/Kg		(18-20") 12/17/2015 mg/Kg		12/17/2015 mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			4,460	40	3,110	51	2,830	35	4,440	40	3,600	35	5,620	50	4,170	36	2,340	36	2,210	38	7,730	63	4,800	39
Antimony			15.6	2.0	< 2.5	2.5	8.3	1.8	2.8	2.0	7.1	1.8	< 2.5	2.5	3.4	1.8	< 1.8	1.8	6.9	1.9	< 3.2	3.2	4.7	1.9
Arsenic	13	16	14.1	0.8	31.5	1.0	10	0.7	17.9	0.8	11.1	0.7	4.1	1.0	15.2	0.7	27	0.7	10	0.8	35.8	1.3	51.7	0.8
Barium	350	350	256	0.8	818	1.0	134	0.7	259	0.8	206	0.7	88.9	1.0	179	0.7	62.3	0.7	74.1	0.8	151	1.3	333	0.8
Beryllium	7.2	14	0.25	0.32	0.42	0.41	0.15	0.28	0.39	0.32	0.16	0.28	0.49	0.40	0.26	0.29	0.25	0.29	< 0.30	0.30	0.43	0.51	0.38	0.31
Cadmium	2.5	2.5	1.55	0.40	0.57	0.51	1.68	0.35	0.57	0.40	1.8	0.35	0.5	0.50	1.46	0.36	1.39	0.36	2.95	0.38	1.22	0.63	1.07	0.39
Calcium			11,400	40	3,660	5.1	8,180	3.5	8,600	4.0	3,100	3.5	2,980	5.0	11,800	36	7,440	3.6	3,290	3.8	21,800	63	12,100	39
Chromium	30	180	15.2	0.40	27.4	0.51	10.7	0.35	20.1	0.40	19.3	0.35	29.1	0.50	20.7	0.36	12.3	0.36	10	0.38	24.7	0.63	75.4	0.39
Cobalt			9.9	0.40	11.2	0.51	9.64	0.35	7.14	0.40	12.4	0.35	11.5	0.50	8.92	0.36	6.89	0.36	14.9	0.38	7.98	0.63	8.09	0.39
Copper	50	270	95.2	0.40	44.7	0.51	62.4	0.35	119	0.40	59.2	0.35	31.4	0.50	66.8	0.36	18.4	0.36	60	0.38	77	0.63	327	3.9
Iron			35,100	40	6,780	51	37,500	35	10,700	40	42,800	35	15,900	50	31,700	36	31,300	36	74,400	38	18,400	63	14,600	39
Lead	63	400	733	7.9	122	10	172	7.0	529	7.9	317	7.0	134	1.0	612	7.3	106	0.7	213	7.6	268	13	2,470	77
Magnesium			2,240	4.0	1,190	5.1	1,370	3.5	1,310	4.0	1,150	3.5	3,130	5.0	1,550	3.6	856	3.6	645	3.8	2,120	6.3	1,070	3.9
Manganese	1,600	2,000	364	4.0	92.3	5.1	193	3.5	149	4.0	468	3.5	261	5.0	189	3.6	282	3.6	290	3.8	184	0.63	175	3.9
Mercury	0.18	0.81	0.45	0.03	14	0.41	3.04	0.27	11.3	0.35	0.21	0.03	0.92	0.04	4.47	0.30	0.14	0.03	0.12	0.03	12.1	0.48	5.3	0.31
Nickel	30	140	17.6	0.40	65	0.51	14.8	0.35	13.6	0.40	20.5	0.35	17.5	0.50	17.8	0.36	9.12	0.36	22.1	0.38	17.1	0.63	18.8	0.39
Potassium			1,510	8	1,300	10	1,550	7	1,300	8	1,230	7	3,050	10	1,210	7	638	7	1,490	8	1,310	13	1,200	8
Selenium	3.9	36	< 1.6	1.6	< 2.0	2.0	< 1.4	1.4	< 1.6	1.6	< 1.4	1.4	< 2.0	2.0	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 2.5	2.5	< 1.5	1.5
Silver	2	36	< 0.40	0.40	< 0.51	0.51	< 0.35	0.35	< 0.40	0.40	< 0.35	0.35	< 0.50	0.50	< 0.36	0.36	< 0.36	0.36	< 0.38	0.38	< 0.63	0.63	< 0.39	0.39
Sodium			826	8	474	10	833	7	406	8	500	7	192	10	907	7	242	7	759	8	809	13	643	8
Thallium			< 1.6	1.6	< 2.0	2.0	< 1.4	1.4	< 1.6	1.6	< 1.4	1.4	< 2.0	2.0	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 2.5	2.5	< 1.5	1.5
Vanadium			19.4	0.4	28.6	0.5	17	0.4	25.1	0.4	24.4	0.4	40	0.5	15.8	0.4	63.9	0.4	16.6	0.4	30.2	0.6	30.3	0.4
Zinc	109	2,200	768	7.9	197	1.0	150	7.0	217	7.9	222	7.0	136	1.0	170	7.3	21.3	0.7	112	0.8	277	13	424	7.7

Notes:

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

RL- Reporting Limit

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

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

Table 9
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	15MW1		15MW2		15MW3		15MW4		15MW5		15MW6		15MW7		15MW8		Duplicate	
		12/22/2015		12/22/2015		12/22/2015		12/22/2015		12/22/2015		12/23/2015		12/23/2015		12/23/2015		12/22/2015	
		µg/L	RL	µg/L	RL	µg/L	RL	µg/L	RL	µg/L	RL	µg/L	RL	µg/L	RL	µg/L	RL	µg/L	RL
1,1,1,2-Tetrachloroethane	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
1,1,1-Trichloroethane	5	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0
1,1,2,2-Tetrachloroethane	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
1,1,2-Trichloroethane	1	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0	<1.0	1.0	<1.0	1.0
1,1-Dichloroethane	5	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0
1,1-Dichloroethene	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
1,1-Dichloropropene		<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
1,2,3-Trichlorobenzene		<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<20	20	<2.0	2.0	<1.0	1.0
1,2,3-Trichloropropane	0.04	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
1,2,4-Trichlorobenzene		<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<20	20	<2.0	2.0	<1.0	1.0
1,2,4-Trimethylbenzene	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	39	20	<2.0	2.0	<1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<2.5	2.5	<2.0	2.0	<10	10	<2.0	2.0	<1.0	1.0
1,2-Dibromoethane		<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
1,2-Dichlorobenzene	5	0.99	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<2.5	2.5	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
1,2-Dichloroethane	0.6	<0.60	0.60	<0.5	0.5	<0.60	0.60	<0.5	0.5	<1.0	1.0	<0.5	0.5	<5.0	5.0	<0.5	0.5	<0.60	0.60
1,2-Dichloropropene	0.94	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<1.0	1.0	<5.0	5.0	<1.0	1.0	<1.0	1.0
1,3,5-Trimethylbenzene	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
1,3-Dichlorobenzene		<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<2.5	2.5	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
1,3-Dichloropropene	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
1,4-Dichlorobenzene	5	0.91	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
2,2-Dichloropropane	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
2-Chlorotoluene	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
2-Hexanone (Methyl Butyl Ketone)		<2.5	2.5	<5.0	5.0	<2.5	2.5	<5.0	5.0	<13	13	<5.0	5.0	<50	50	<5.0	5.0	<2.5	2.5
2-Isopropyltoluene	5	7	1.0	7.3	2.0	<1.0	1.0	28	2.0	17	5.0	0.6	2.0	88	20	11	2.0	<1.0	1.0
4-Chlorotoluene	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
4-Methyl-2-Pentanone		<2.5	2.5	<5.0	5.0	<2.5	2.5	<5.0	5.0	<13	13	<5.0	5.0	<50	50	<5.0	5.0	<2.5	2.5
Acetone		<5.0	5.0	59	10	4.5	5.0	7.8	10	<25	25	<10	10	<50	50	7.3	10	3	5.0
Acrolein		<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<13	13	<5.0	5.0	<50	50	<5.0	5.0	<5.0	5.0
Acrylonitrile	5	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0
Benzene	1	0.28	0.70	<0.5	0.5	<0.70	0.70	<0.5	0.5	<1.0	1.0	<0.5	0.5	<5.0	5.0	<0.5	0.5	<0.70	0.70
Bromobenzene	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
Bromochloromethane	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
Bromodichloromethane		<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<20	20	<2.0	2.0	<1.0	1.0
Bromoform		<5.0	5.0	<10	10	<5.0	5.0	<10	10	<25	25	<10	10	<5.0	5.0	<10	10	<5.0	5.0
Bromomethane	5	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0
Carbon Disulfide	60	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<20	20	<2.0	2.0	<1.0	1.0
Carbon tetrachloride	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
Chlorobenzene	5	8.1	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0
Chloroethane	5	<5.0	5.0	56	10	<5.0	5.0	130	25	23	25	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0
Chloroform	7	<5.0	5.0	<7.0	7.0	<5.0	5.0	<7.0	7.0	<5.0	5.0	<7.0	7.0	<5.0	5.0	<7.0	7.0	<5.0	5.0
Chloromethane	60	<5.0	5.0	0.67	5.0	0.46	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	0.31	5.0
cis-1,2-Dichloroethene	5	13	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
cis-1,3-Dichloropropene		<0.40	0.40	<0.4	0.4	<0.40	0.40	<0.4	0.4	<1.0	1.0	<0.4	0.4	<5.0	5.0	<0.4	0.4	<0.40	0.40
Dibromochloromethane		<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<20	20	<2.0	2.0	<1.0	1.0
Dibromomethane	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
Dichlorodifluoromethane	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
Ethylbenzene	5	1.8	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
Hexachlorobutadiene	0.5	<0.50	0.50	<0.5	0.5	<0.50	0.50	<0.5	0.5	<1.0	1.0	<0.5	0.5	<4.0	4.0	<0.5	0.5	<0.50	0.50
Isopropylbenzene	5	8.5	1.0	1.7	2.0	<1.0	1.0	6.8	2.0	25	5.0	<2.0	2.0	100	20	37	2.0	<1.0	1.0
m&p-Xylenes	5	0.9	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<20	20	<2.0	2.0	<1.0	1.0
Methyl Ethyl Ketone (2-Butanone)		<2.5	2.5	<5.0	5.0	4.5	2.5	<5.0	5.0	<13	13	<5.0	5.0	<50	50	5.8	5.0	2.7	2.5
Methyl t-butyl ether (MTBE)	10	1.2	1.0	1.6	2.0	2.2	1.0	0.92	2.0	3.7	5.0	<2.0	2.0	<20	20	5.7	2.0	2.1	1.0
Methylene chloride	5	<3.0	3.0	<5.0	5.0	<3.0	3.0	<5.0	5.0	<5.0	5.0	<5.0	5.0	<20	20	<5.0	5.0	<3.0	3.0
Naphthalene	10	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<20	20	<2.0	2.0	<1.0	1.0
n-Butylbenzene	5	5	1.0	1.5	2.0	<1.0	1.0	5.4	2.0	3.8	5.0	<2.0	2.0	97	20	11	2.0	<1.0	1.0
n-Propylbenzene	5	6.2	1.0	0.66	2.0	<1.0	1.0	2.8	2.0	23	5.0	<2.0	2.0	170	20	59	2.0	<1.0	1.0
o-Xylene	5	0.39	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
p-Isopropyltoluene		<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
sec-Butylbenzene	5	15	1.0	12	2.0	0.88	1.0	36	2.0	35	5.0	1	2.0	210	20	24	2.0	0.69	1.0
Styrene	5	<1.0	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
tert-Butylbenzene	5	6	1.0	6.5	2.0	1.8	1.0	15	2.0	12	5.0	<2.0	2.0	39	20	5.7	2.0	1.6	1.0
Tetrachloroethene	5	0.32	1.0	<2.0	2.0	<1.0	1.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<5.0	5.0	<2.0	2.0	<1.0	1.0
Tetrahydrofuran (THF)		<5.0	5.0	<10	10	<5.0	5.0	<10	10	<25	25	<10	10	<50	50	<10	10	<5.0	5.0
Toluene	5	1.9	1.0	1.2	2.0	1.9	1.0	2	2.0	1.6	5.0	0.99	2.0	<5.0	5.0	1.7	2.0	1.4	1.

TABLE 10
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	15MW1		15MW2		15MW3		15MW4		15MW5		15MW6		15MW7		15MW8		Duplicate	
		12/22/2015		12/22/2015		12/22/2015		12/22/2015		12/22/2015		12/23/2015		12/23/2015		12/23/2015		12/22/2015	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,2,4-Trichlorobenzene		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,2-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.1	1.1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Diphenylhydrazine		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.1	1.1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.1	1.1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4,5-Trichlorophenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4,6-Trichlorophenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dichlorophenol		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dimethylphenol		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dinitrophenol	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dinitrotoluene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2,6-Dinitrotoluene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Chloronaphthalene	10	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Chlorophenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Methylnaphthalene		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Methylphenol (o-cresol)	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Nitroaniline	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Nitrophenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
3&4-Methylphenol (m&p-cresol)		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.1	1.1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
3,3'-Dichlorobenzidine	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
3-Nitroaniline	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4,6-Dinitro-2-methylphenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Bromophenyl phenyl ether		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4-Chloro-3-methylphenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chloroaniline	5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.7	3.7	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5
4-Chlorophenyl phenyl ether		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4-Nitroaniline	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4-Nitrophenol		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Acetophenone		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Aniline	5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.7	3.7	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5
Anthracene	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzidine	5	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7	4.7	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5
Benzoic acid		< 25	25	< 25	25	< 25	25	< 26	26	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25
Benzyl butyl phthalate	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bis(2-chloroethoxy)methane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bis(2-chloroethyl)ether	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bis(2-chloroisopropyl)ether		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbazole		< 25	25	< 25	25	< 25	25	< 26	26	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25
Dibenzofuran		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Diethyl phthalate	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Dimethylphthalate	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Di-n-butylphthalate	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Di-n-octylphthalate	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Fluoranthene	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	1.8	5.3	< 5.0	5.0	4.4	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Fluorene	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	1.7	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Hexachlorobutadiene	0.5	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.42	0.42	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Hexachlorocyclopentadiene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Isophorone	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.3	5.3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Naphthalene	10	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.								

TABLE 11
Groundwater Analytical Results
Pesticides/PCBs

	Compound	NYSDEC Groundwater Quality Standards µg/L	15MW1 12/22/2015 µg/L		15MW2 12/22/2015 µg/L		15MW3 12/22/2015 µg/L		15MW4 12/22/2015 µg/L		15MW5 12/22/2015 µg/L		15MW6 12/23/2015 µg/L		15MW7 12/23/2015 µg/L		15MW8 12/23/2015 µg/L		Duplicate 12/22/2015 µg/L	
			Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
PCBs	PCB-1016	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1221	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1232	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1242	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1248	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1254	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1260	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1262	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1268	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
Pesticides	4,4-DDD	0.3	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	0.014	0.010	< 0.010	0.010	< 0.010	0.010	< 0.050	0.050	< 0.010	0.010	< 0.010	0.010
	4,4-DDE	0.2	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.012	0.012	< 0.010	0.010	< 0.010	0.010
	4,4-DDT	0.11	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.012	0.012	< 0.010	0.010	< 0.010	0.010
	a-BHC	0.94	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.012	0.012	< 0.005	0.005	< 0.005	0.005
	a-Chlordane		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.050	0.050	< 0.010	0.010	< 0.010	0.010
	Alachlor		< 0.075	0.075	< 0.075	0.075	< 0.075	0.075	< 0.075	0.075	< 0.075	0.075	< 0.075	0.075	< 0.38	0.38	< 0.075	0.075	< 0.075	0.075
	Aldrin		< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.003	0.003	< 0.003	0.003	< 0.002	0.002	< 0.008	0.008	< 0.003	0.003	< 0.002	0.002
	b-BHC	0.04	< 0.005	0.005	< 0.005	0.005	< 0.020	0.020	< 0.015	0.015	< 0.010	0.010	< 0.005	0.005	< 0.012	0.012	< 0.005	0.005	< 0.005	0.005
	Chlordane	0.05	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.25	0.25	< 0.050	0.050	< 0.050	0.050
	d-BHC	0.04	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.025	0.025	< 0.005	0.005	< 0.005	0.005
	Dieldrin	0.004	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.004	0.004	< 0.002	0.002	< 0.003	0.003	< 0.008	0.008	< 0.002	0.002	< 0.002	0.002
	Endosulfan I		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.050	0.050	< 0.010	0.010	< 0.010	0.010
	Endosulfan II		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.050	0.050	< 0.010	0.010	< 0.010	0.010
	Endosulfan Sulfate		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.050	0.050	< 0.010	0.010	< 0.010	0.010
	Endrin		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.025	0.025	< 0.010	0.010	< 0.010	0.010
	Endrin aldehyde	5	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.050	0.050	< 0.010	0.010	< 0.010	0.010
	Endrin ketone		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.060	0.060	< 0.010	0.010	< 0.010	0.010
	gamma-BHC	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.010	0.010	< 0.050	0.050	< 0.005	0.005	< 0.005	0.005
	g-Chlordane		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.050	0.050	< 0.010	0.010	< 0.010	0.010
	Heptachlor	0.04	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.025	0.025	< 0.010	0.010	< 0.010	0.010
	Heptachlor epoxide	0.03	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.025	0.025	< 0.010	0.010	< 0.010	0.010
	Methoxychlor	35	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.50	0.50	< 0.10	0.10	< 0.10	0.10
	Toxaphene		< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.25	0.25	< 0.20	0.20	< 0.25	0.25	< 1.3	1.3	< 0.25	0.25	< 0.20	0.20

Notes:

RL- Reporting limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 12A
Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	15MW1 12/22/2015 mg/L		15MW2 12/22/2015 mg/L		15MW3 12/22/2015 mg/L		15MW4 12/22/2015 mg/L		15MW5 12/22/2015 mg/L		15MW6 12/23/2015 mg/L		15MW7 12/23/2015 mg/L		15MW8 12/23/2015 mg/L		Duplicate 12/22/2015 mg/L	
		Results		Results		Results		Results		Results		Results		Results		Results		Results	
		RL		RL		RL		RL		RL		RL		RL		RL		RL	
Total Metals																			
Aluminum	NS	0.22	0.010	1.02	0.010	0.282	0.010	1.28	0.010	0.131	0.010	8.62	0.010	1.64	0.010	0.093	0.010	0.235	0.010
Antimony	0.003	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
Arsenic	0.025	0.009	0.004	0.045	0.004	0.004	0.004	0.07	0.004	0.162	0.004	0.03	0.004	0.027	0.004	0.028	0.004	0.005	0.004
Barium	1	0.35	0.010	0.46	0.010	0.395	0.010	0.426	0.010	0.357	0.010	0.772	0.010	0.547	0.010	0.304	0.010	0.398	0.010
Beryllium	0.003	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cadmium	0.005	< 0.004	0.004	0.001	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	0.001	0.004	0.001	0.004	< 0.004	0.004	< 0.004	0.004
Calcium	NS	158	0.10	170	0.10	257	0.10	162	0.10	136	0.010	204	0.10	156	0.10	122	0.010	268	0.10
Chromium	0.05	0.001	0.001	0.003	0.001	< 0.001	0.001	0.005	0.001	< 0.001	0.001	0.021	0.001	0.005	0.001	< 0.001	0.001	< 0.001	0.001
Cobalt	NS	< 0.005	0.005	0.001	0.005	< 0.005	0.005	0.002	0.005	0.003	0.005	0.009	0.005	0.005	0.005	0.001	0.005	< 0.005	0.005
Copper	0.2	0.002	0.005	0.04	0.005	0.003	0.005	0.03	0.005	< 0.005	0.005	0.225	0.005	0.018	0.005	< 0.005	0.005	0.002	0.005
Iron	0.5	21.2	0.01	34.2	0.01	5.87	0.01	28.5	0.01	25.2	0.01	50.6	0.01	35.9	0.01	25.3	0.01	5.98	0.01
Lead	0.025	0.03	0.002	0.031	0.002	0.022	0.002	0.062	0.002	0.008	0.002	0.724	0.002	0.168	0.002	0.01	0.002	0.019	0.002
Magnesium	35	12.7	0.01	24.4	0.01	19.6	0.01	26.8	0.01	23.3	0.01	32.2	0.01	25	0.01	23.4	0.01	19.8	0.01
Manganese	0.3	0.882	0.005	0.852	0.005	1.21	0.005	1.44	0.005	0.57	0.005	0.558	0.005	0.53	0.005	0.278	0.005	1.22	0.005
Mercury	0.0007	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel	0.1	0.003	0.004	0.004	0.004	0.003	0.004	0.008	0.004	0.005	0.004	0.016	0.004	0.004	0.004	0.002	0.004	0.002	0.004
Potassium	NS	15.4	0.1	30.7	0.1	28.1	0.1	33.3	0.1	28.9	0.1	41.3	0.1	33.8	0.1	25.2	0.1	28.4	0.1
Selenium	0.01	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	0.001	0.002
Silver	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	0.001	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Sodium	2	112	1.0	175	1.0	212	1.0	145	1.0	142	1.0	159	1.0	109	1.0	77	1.0	230	1.0
Thallium	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005
Vanadium	NS	< 0.010	0.010	0.003	0.010	0.002	0.010	0.003	0.010	0.001	0.010	0.025	0.010	0.005	0.010	< 0.010	0.010	< 0.010	0.010
Zinc	2	0.023	0.010	0.031	0.010	0.059	0.010	0.073	0.010	0.007	0.010	0.374	0.010	0.14	0.010	0.008	0.010	0.055	0.010

Notes:

RL- Reporting limit

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 12B
Groundwater Analytical Results
Dissolved Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	15MW1 12/22/2015 mg/L		15MW2 12/22/2015 mg/L		15MW3 12/22/2015 mg/L		15MW4 12/22/2015 mg/L		15MW5 12/22/2015 mg/L		15MW6 12/23/2015 mg/L		15MW7 12/23/2015 mg/L		15MW8 12/23/2015 mg/L		Duplicate 12/22/2015 mg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Dissolved Metals																			
Aluminum	NS	< 0.011	0.011	0.37	0.11	0.73	0.11	0.45	0.11	0.9	0.11	0.32	0.11	0.021	0.011	0.49	0.11	< 0.011	0.011
Antimony	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003
Arsenic	0.025	0.003	0.003	0.003	0.003	0.001	0.003	0.005	0.003	0.024	0.003	0.004	0.003	0.005	0.003	0.008	0.003	0.001	0.003
Barium	1	0.243	0.011	0.263	0.011	0.324	0.011	0.287	0.011	0.197	0.011	0.297	0.011	0.24	0.011	0.187	0.011	0.327	0.011
Beryllium	0.003	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cadmium	0.005	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004
Calcium	NS	157	0.01	155	0.01	232	0.11	150	0.01	128	0.01	186	0.11	155	0.01	114	0.01	250	0.11
Chromium	0.05	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cobalt	NS	< 0.005	0.005	0.002	0.005	< 0.005	0.005	0.002	0.005	0.002	0.005	0.002	0.005	0.003	0.005	0.002	0.005	< 0.005	0.005
Copper	0.2	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Iron	0.5	1.63	0.01	2.38	0.01	0.03	0.01	1.26	0.01	2.24	0.01	8.33	0.01	4.81	0.01	5.27	0.01	0.03	0.01
Lead	0.025	< 0.002	0.002	< 0.002	0.002	0.001	0.002	< 0.002	0.002	< 0.002	0.002	0.001	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
Magnesium	35	12.4	0.01	24.6	0.01	19.6	0.01	25.6	0.01	22.6	0.01	30.9	0.01	24.7	0.01	22.6	0.01	19.3	0.01
Manganese	0.3	0.848	0.005	0.82	0.005	1.21	0.005	1.27	0.005	0.529	0.005	0.39	0.005	0.471	0.005	0.261	0.005	1.18	0.005
Mercury	0.0007	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel	0.1	0.001	0.004	0.002	0.004	< 0.004	0.004	0.003	0.004	0.002	0.004	0.002	0.004	0.002	0.004	0.002	0.004	< 0.004	0.004
Potassium	NS	15.4	0.1	31	0.1	27.4	0.1	32.9	0.1	28.6	0.1	40.8	0.1	34.6	0.1	24	0.1	28.7	0.1
Selenium	0.01	< 0.004	0.004	< 0.004	0.004	0.003	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	0.003	0.004
Silver	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Sodium	2	114	1.1	164	1.1	203	1.1	148	1.1	131	1.1	144	1.1	113	1.1	74.7	1.1	211	1.1
Thallium	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005
Vanadium	NS	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011
Zinc	2	0.002	0.011	0.003	0.011	0.009	0.011	0.013	0.011	0.002	0.011	0.004	0.011	0.003	0.011	0.002	0.011	0.009	0.011

Notes:

RL- Reporting limit

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m ³) ^(a)	NYSDOH Soil Outdoor Background Levels (µg/m ³) ^(b)	SG1 12/8/2015 (µg/m3)		SG2 12/8/2015 (µg/m3)		SG3 12/9/2015 (µg/m3)		SG4 12/8/2015 (µg/m3)		SG5 12/8/2015 (µg/m3)		SG6 12/8/2015 (µg/m3)		SG7 12/8/2015 (µg/m3)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	3.38	1.00	< 1.00	1.00	47.6	1.00	1.37	1.00	< 3.00	3.00	1.62	1.00	< 5.00	5.00
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
1,1-Dichloroethane		<1.0	6.63	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	1.72	1.00	< 5.02	5.02
1,1-Dichloroethene		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 4.99	4.99
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
1,2,4-Trimethylbenzene		<1.0	1.64	1.00	1.24	1.00	1.26	1.00	1.62	1.00	< 3.00	3.00	< 1.00	1.00	< 5.01	5.01
1,2-Dibromoethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
1,2-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
1,2-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.02	5.02
1,2-Dichloropropane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 4.99	4.99
1,2-Dichlorotetrafluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
1,3,5-Trimethylbenzene		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	1	1.00	< 3.00	3.00	< 1.00	1.00	< 5.01	5.01
1,3-Butadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.01	3.01	< 1.00	1.00	< 5.00	5.00
1,3-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
1,4-Dichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
1,4-Dioxane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.01	5.01
2-Hexanone			4.3	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 4.99	4.99
4-Ethyltoluene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.01	5.01
4-Isopropyltoluene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
4-Methyl-2-pentanone			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	3.03	1.00	5.77	4.99
Acetone		NA	475	9.99	451	9.99	117	5.01	577	9.99	< 2.99	2.99	275	9.99	203	5.01
Acrylonitrile			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 2.99	2.99	< 1.00	1.00	< 5.01	5.01
Benzene		<1.6 - 4.7	< 1.00	1.00	2.29	1.00	< 1.00	1.00	49.2	1.00	19.8	3.00	4.15	1.00	< 5.01	5.01
Benzyl Chloride		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
Bromodichloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
Bromoform		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
Bromomethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.01	5.01
Carbon Disulfide		NA	< 1.00	1.00	2.3	1.00	1.85	1.00	12	1.00	79.7	3.00	62.5	1.00	29.4	5.01
Carbon Tetrachloride	5	<3.1	< 0.25	0.25	< 0.25	0.25	0.35	0.25	< 0.25	0.25	< 0.75	0.75	< 0.25	0.25	< 1.24	1.24
Chlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.01	5.01
Chloroethane		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.01	3.01	59.1	1.00	7.17	5.01
Chloroform		<2.4	33	1.00	< 1.00	1.00	< 1.00	1.00	1.58	1.00	< 3.00	3.00	16.5	1.00	< 4.98	4.98
Chloromethane		<1.0 - 1.4	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 2.99	2.99	< 1.00	1.00	< 4.99	4.99
cis-1,2-Dichloroethene		<1.0	85.2	1.00	< 1.00	1.00	< 1.00	1.00	1.03	1.00	< 3.00	3.00	< 1.00	1.00	< 4.99	4.99
cis-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 4.99	4.99
Cyclohexane		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	464	30.0	< 1.00	1.00	10.9	4.99
Dibromochloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
Dichlorodifluoromethane		NA	2.14	1.00	128	1.00	2.06	1.00	< 1.00	1.00	< 3.00	3.00	1.68	1.00	< 4.99	4.99
Ethanol			8.94	1.00	14.8	1.00	4.59	1.00	10.1	1.00	7.49	2.99	6.12	1.00	6.23	5.01
Ethyl Acetate		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.01	5.01
Ethylbenzene		<4.3	1.1	1.00	1.3	1.00	< 1.00	1.00	13.9	1.00	< 3.00	3.00	< 1.00	1.00	< 4.99	4.99
Heptane		NA	1.45	1.00	16.2	1.00	< 1.00	1.00	64.7	1.00	300	3.00	7.66	1.00	6.47	5.00
Hexachlorobutadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.01	3.01	< 1.00	1.00	< 5.00	5.00
Hexane		<1.5	< 1.00	1.00	46.5	1.00	< 1.00	1.00	193	10.0	842	30.0	11.1	1.00	18.1	5.00
Isopropylalcohol		NA	4.03	1.00	7.17	1.00	1.94	1.00	4.45	1.00	3.39	3.00	3.05	1.00	8.55	5.01
Isopropylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	4.43	1.00	< 3.00	3.00	< 1.00	1.00	< 5.01	5.01
Xylene (m&p)		<4.3	4.34	1.00	4.13	1.00	1.86	1.00	13.9	1.00	< 3.00	3.00	4.05	1.00	< 4.99	4.99
Methyl Ethyl Ketone			13.9	1.00	14.2	1.00	2.88	1.00	11.1	1.00	< 3.01	3.01	9.4	1.00	5.36	5.01
MTBE		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.01	5.01
Methylene Chloride		<3.4	2.75	1.00	1.07	1.00	3.1	1.00	2.3	1.00	< 3.00	3.00	2.43	1.00	< 5.00	5.00
n-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
Xylene (o)		<4.3	1.17	1.00	1.15	1.00	< 1.00	1.00	2.39	1.00	10.6	3.00	1.5	1.00	< 4.99	4.99
Propylene		NA	3.61	1.00	160	9.99	5.87	1.00	473	9.99	1,320	29.9	66.4	1.00	182	5.01
sec-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
Styrene		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 4.98	4.98
Tetrachloroethene	100		69.8	0.25	0.72	0.25	7.39	0.25	7.93	0.25	2.77	0.75	13.8	0.25	14.3	1.25
Tetrahydrofuran		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.01	3.01	< 1.00	1.00	< 5.01	5.01
Toluene		1.0 - 6.1	9.91	1.00	7.65	1.00	2.07	1.00	20.4	1.00	18.4	3.00	15.1	1.00	6.21	5.01
trans-1,2-Dichloroethene		NA	15.5	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 4.99	4.99
trans-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 4.99	4.99
Trichloroethene	5	<1.7	1,650	2.50	4.04	0.25	14.1	0.25	6.18	0.25	69.3	0.75	245	2.50	38	1.25
Trichlorofluoromethane		NA	< 1.00	1.00	< 1.00	1.00	1.99	1.00	< 1.00	1.00	< 3.00	3.00	1.56	1.00	30.9	5.00
Trichlorotrifluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 3.00	3.00	< 1.00	1.00	< 5.00	5.00
Vinyl Chloride		<1.0	1.26	0.25	7.43	0.25	< 0.25	0.25	< 0.25	0.25	107	0.75	< 0.25	0.25	< 1.25	1.25
BTEX			16.52		16.52		3.93		99.79		48.8		24.8		6	
<																

TABLE 14
Parameters Detected Above Track () Soil Cleanup Objectives
Soil Borings 15SB1-15SB10

COMPOUND	Range in Exceedances	Frequency of Detection	15SB1			15SB2			15SB3			15SB4			15SB5		
			(2-4')	(11-13')	(18-20')	(0-2')	(11-13')	(18-20')	(2-4')	(11-13')	(18-20')	(0-2')	(11-13')	(18-20')	(2-4')	(11-13')	(22-24')
			12/16/2015	12/16/2015	12/16/2015	12/17/2015	12/17/2015	12/17/2015	12/16/2015	12/16/2015	12/16/2015	12/17/2015	12/17/2015	12/17/2015	12/16/2015	12/16/2015	12/16/2015
Sample Results in ug/kg																	
Acetone	70-10,000	6	-	10,000	210	-	-	630	-	-	170	-	-	-	-	-	-
Chlorobenzene	8,000	1	-	8,000	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	430-1,900	3	430	1,900	-	450	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	2,900	1	-	2,900	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone (2-Butanone)	200	1	-	-	-	-	-	200	-	-	-	-	-	-	-	-	-
n-Propylbenzene	4,700-31,000	4	-	4,800	-	-	-	-	-	-	-	-	12,000	-	-	-	-
sec-Butylbenzene	15,000-31,000	6	-	18,000	-	-	15,000	-	-	-	-	-	19,000	-	-	26,000	-
tert-Butylbenzene	6,100	1	-	-	-	-	-	-	-	-	-	-	-	-	-	6,100	-
Trichloroethene	510-6,600	6	6,600	-	-	4,000	-	-	-	-	-	-	-	-	780	-	-
Sample Results in ug/kg																	
Benzo(a)anthracene	1,100-6,400	5	-	-	-	-	-	-	-	-	-	-	-	-	4,300	1,100	-
Benzo(a)pyrene	1,200-5,000	5	-	-	-	-	-	-	-	-	-	-	-	-	4,500	1,200	-
Benzo(b)fluoranthene	1,600-4,100	4	-	-	-	-	-	-	-	-	-	-	-	-	3,900	-	-
Benzo(k)fluoranthene	840-3,800	5	-	-	-	-	-	-	-	-	-	-	-	-	3,300	840	-
Chrysene	1,200-6,600	5	-	-	-	-	-	-	-	-	-	-	-	-	4,400	1,200	-
Dibenz(a,h)anthracene	450-660	2	-	-	-	-	-	-	-	-	-	-	-	-	450	-	-
Indeno(1,2,3-cd)pyrene	510-3,200	7	630	510	-	-	-	-	-	-	-	-	-	-	2,400	550	-
Sample Results in mg/kg																	
Arsenic	13.4-51.7	10	-	-	-	-	-	17.70	13.4	-	-	-	-	-	18	-	-
Barium	734-818	2	-	-	-	-	-	-	734.0	-	-	-	-	-	-	-	-
Chromium	75.4-87.7	2	87.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	50.4-938	14	52.4	-	-	97.9	-	-	938	-	-	63.9	-	89.6	50.4	-	-
Lead	103-2,790	18	228	-	-	776	-	103	2,790	-	-	162	-	512	190	-	-
Mercury	0.21-14	16	0.7	-	-	1	-	0.4	2.75	-	0.55	-	-	3.35	0.92	-	-
Nickel	65-138	2	138	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	112-995	17	577	-	-	300	-	114	995	-	-	184	-	359	177	-	-

TABLE 14
Parameters Detected Above Track () Soil Cleanup Objectives
Soil Borings 15SB1-15SB10

Compound	Range in Exceedances	Frequency of Detection	15SB6			15SB7			15SB8			15SB9			15SB10			Duplicate
			(0-2') 12/17/2015	(11-13') 12/17/2015	(18-20') 12/17/2015	(0-2') 12/17/2015	(11-13') 12/17/2015	(18-20') 12/17/2015	(0-2') 12/17/2015	(11-13') 12/17/2015	(18-20') 12/17/2015	(0-2') 12/17/2015	(11-13') 12/17/2015	(18-20') 12/17/2015	(0-2') 12/17/2015	(11-13') 12/17/2015	(18-20') 12/17/2015	
Sample Results in ug/kg																		
1,2,4-Trimethylbenzene	6,500	1	-	-	-	-	-	-	-	6,500	-	-	-	-	-	-	-	-
Acetone	70-10,000	6	-	-	70	-	-	-	-	-	-	-	-	-	-	-	230	-
n-Butylbenzene	16,000	1	-	-	-	-	-	-	-	16,000	-	-	-	-	-	-	-	-
n-Propylbenzene	4,700-31,000	4	-	-	-	-	4,700	-	-	31,000	-	-	-	-	-	-	-	-
sec-Butylbenzene	15,000-31,000	6	-	-	-	-	27,000	-	-	31,000	-	-	-	-	-	-	-	-
Trichloroethene	510-6,600	6	630	-	-	510	-	-	-	-	-	-	-	-	2,100	-	-	-
Vinyl Chloride	350	1	-	-	-	-	-	-	-	-	-	-	-	-	-	350	-	-
Sample Results in ug/kg																		
Benzo(a)anthracene	1,100-6,400	5	-	-	-	6,400	-	-	2,000	-	-	1,800	-	-	-	-	-	-
Benzo(a)pyrene	1,200-5,000	5	-	-	-	5,000	-	-	1,900	-	-	1,800	-	-	-	-	-	-
Benzo(b)fluoranthene	1,600-4,100	4	-	-	-	4,100	-	-	1,600	-	-	1,700	-	-	-	-	-	-
Benzo(k)fluoranthene	840-3,800	5	-	-	-	3,800	-	-	1,600	-	-	1,700	-	-	-	-	-	-
Chrysene	1,200-6,600	5	-	-	-	6,600	-	-	2,300	-	-	2,100	-	-	-	-	-	-
Dibenz(a,h)anthracene	450-660	2	-	-	-	660	-	-		-	-		-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	510-3,200	7	-	-	-	3,200	-	-	990	-	-	1,100	-	-	-	-	-	-
Sample Results in ug/kg																		
4,4-DDT	7.1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1
Sample Results in mg/kg																		
Arsenic	13.4-51.7	10	14	-	32	-	-	17.90		-	-	15.2	-	27	-	-	35.8	51.7
Barium	734-818	2	-	-	818	-	-	-		-	-		-	-	-	-	-	-
Cadmium	2.95	1	-	-	-	-	-	-		-	-		-	-	2.95	-	-	-
Chromium	75.4-87.7	2	-	-	-	-	-	-		-	-		-	-	-	-	-	75.4
Copper	50.4-938	14	95.2	-	-	62.4	-	119	59.2	-	-	66.8	-	-	60	-	77	327
Lead	103-2,790	18	733	-	122	172	-	529	317	-	134	612	-	106	213	-	268	2,470
Mercury	0.21-14	16	0.45	-	14	3.04	-	11.3	0.21	-	0.92	4.47	-	-	-	-	12.1	5.3
Nickel	65-138	2	-	-	65	-	-	-		-	-		-	-	-	-	-	-
Zinc	112-995	17	768	-	197	150	-	217	222	-	136	170	-	-	112	-	277	424

TABLE 15
Parameters Detected Above Ambient Water Quality Standards

VOCs

COMPOUND	Range in Detections	Number of Occurrences	15MW1 12/22/2015	15MW2 12/22/2015	15MW4 12/22/2015	15MW5 12/22/2015	15MW7 12/23/2015	15MW8 12/23/2015
<i>Sample Results in (µg/L)</i>								
1,2,4-Trimethylbenzene	39	1	-	-	-	-	39	-
2-Isopropyltoluene	7.0-88	6	7	7.3	28	17	88	11
Acetone	59	1	-	59	-	-	-	-
Chlorobenzene	81	1	81	-	-	-	-	-
Chloroethane	23-130	3	-	56	130	23	-	-
cis-1,2-Dichloroethene	13	1	13	-	-	-	-	-
Isopropylbenzene	6.8-100	5	8.5	-	6.8	25	100	37
n-Butylbenzene	5.4-97	3	-	-	5.4	-	97	11
n-Propylbenzene	6.2-170		6.2	-	-	23	170	59
sec-Butylbenzene	12-210	6	15	12	36	35	210	24
tert-Butylbenzene	5.7-39	6	6	6.5	15	12	39	5.7
Vinyl Chloride	13	1	13	-	-	-	-	-

SVOCs

COMPOUND	Range in Detections	Number of Occurrences	15MW1 12/22/2015	15MW2 12/22/2015	15MW3 12/22/2015	15MW4 12/22/2015	15MW5 12/22/2015	15MW6 12/23/2015	15MW7 12/23/2015	15MW8 12/23/2015	Duplicate 12/22/2015
<i>Sample Results in (µg/L)</i>											
Benz(a)anthracene	0.03-1.9	9	0.11	0.04	0.11	0.58	0.03	1.9	0.24	0.03	0.08
Benzo(a)pyrene	0.03-1.7	7	0.07	0.03	0.08	0.57	-	1.7	0.27	-	0.05
Benzo(b)fluoranthene	0.03-1.4	7	0.06	0.03	0.07	0.44	-	1.4	0.25	-	0.04
Benzo(k)fluoranthene	0.02-1.4	7	0.06	0.02	0.06	0.4	-	1.4	0.2	-	0.04
Chrysene	0.04-1.7	7	0.11	0.04	0.1	0.54	-	1.7	0.23	-	0.06
Indeno(1,2,3-cd)pyrene	0.02-0.73	7	0.03	-	0.04	0.21	-	0.73	0.14	-	0.02

TABLE 15
Parameters Detected Above Ambient Water Quality Standards

Pesticides

COMPOUND	Range in Detections	Number of Occurrences	15MW4 12/22/2015
<i>Sample Results in (µg/L)</i>			
4,4-DDD	0.014	1	0.014

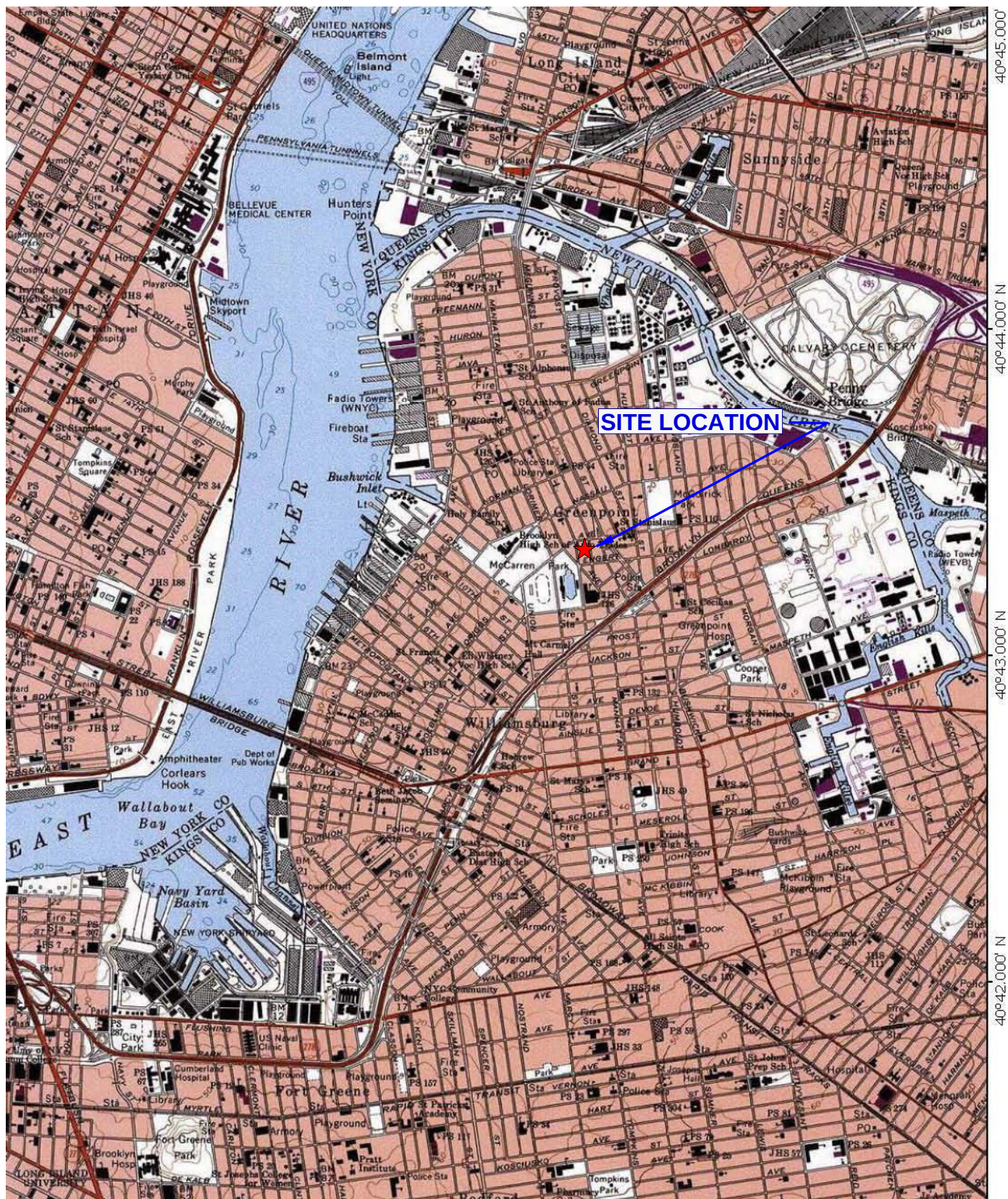
Metals (Total)

COMPOUND	Range in Detections	Number of Occurrences	15MW1 12/22/2015	15MW2 12/22/2015	15MW3 12/22/2015	15MW4 12/22/2015	15MW5 12/22/2015	15MW6 12/23/2015	15MW7 12/23/2015	15MW8 12/23/2015	Duplicate 12/22/2015
<i>Sample Results in (mg/L)</i>											
Arsenic	0.027-0.162	6	-	0.045	-	0.07	0.162	0.03	0.027	0.028	-
Copper	0	1	-	-	-	-	-	0.225	-	-	-
Iron	5.87-50.6	9	21.2	34.2	5.87	28.5	25.2	50.6	35.9	25.3	5.98
Lead	0.03-0.724	5	0.03	0.031	-	0.062	-	0.724	0.168	-	-
Manganese	0.53-1.44	8	0.882	0.852	1.21	1.44	0.57	0.558	0.53	-	1.22
Sodium	77-230	9	112	175	212	145	142	159	109	77	230

Metals (Dissolved)

COMPOUND	Range in Detections	Number of Occurrences	15MW1 12/22/2015	15MW2 12/22/2015	15MW3 12/22/2015	15MW4 12/22/2015	15MW5 12/22/2015	15MW6 12/23/2015	15MW7 12/23/2015	15MW8 12/23/2015	Duplicate 12/22/2015
<i>Sample Results in (mg/L)</i>											
Iron	1.26-8.33	7	1.63	2.38	-	1.26	2.24	8.33	4.81	5.27	-
Manganese	0.39-1.27	8	0.848	0.82	1.21	1.27	0.529	0.39	0.471	-	1.18
Sodium	74.7-211	9	114	164	203	148	131	144	113	74.7	211

FIGURES

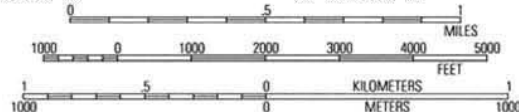


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73°58.000' W

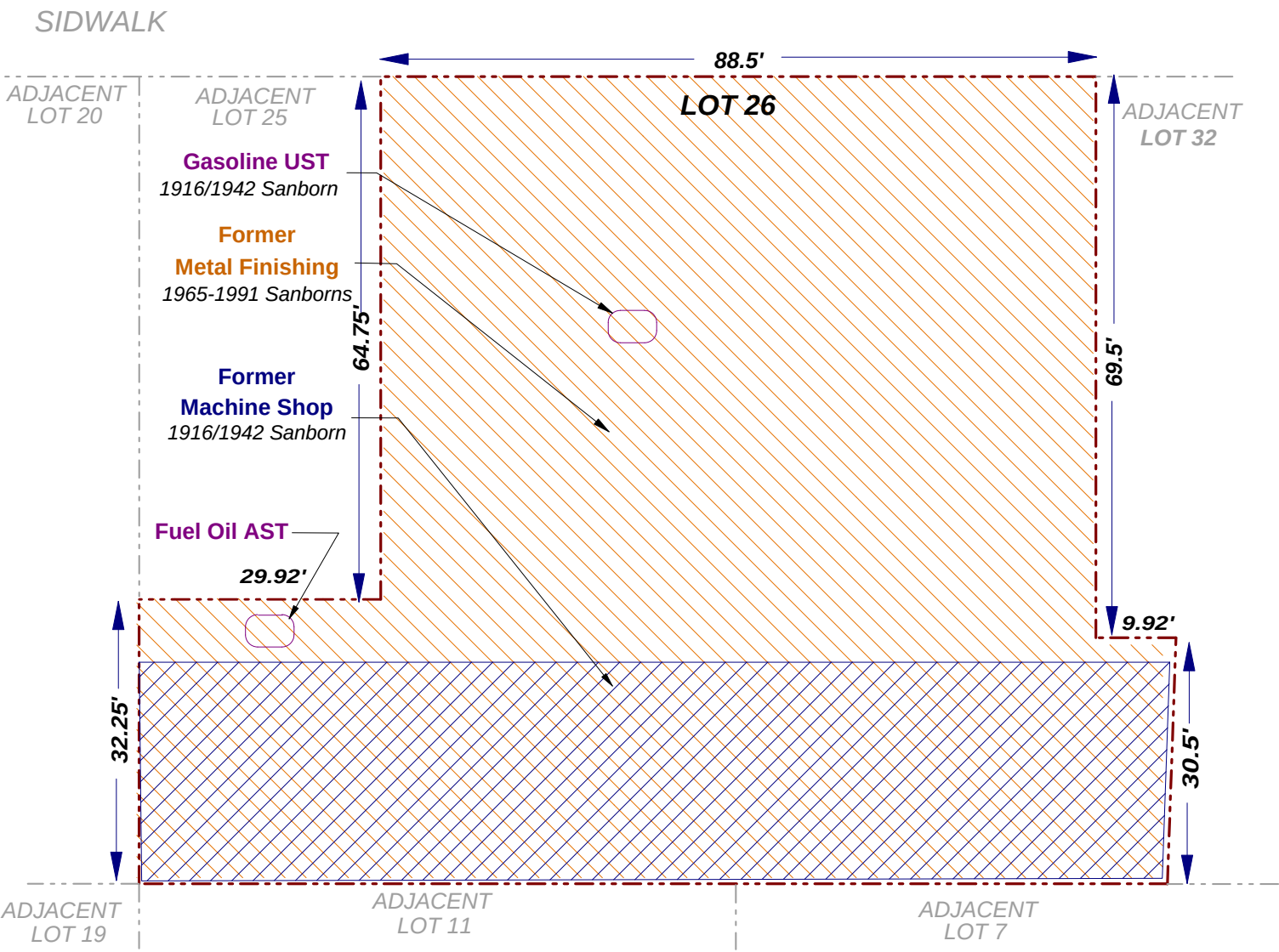
73°57.000' W

WGS84 73°56.000' W



MNI TN
13°
06/04/11

ECKFORD STREET



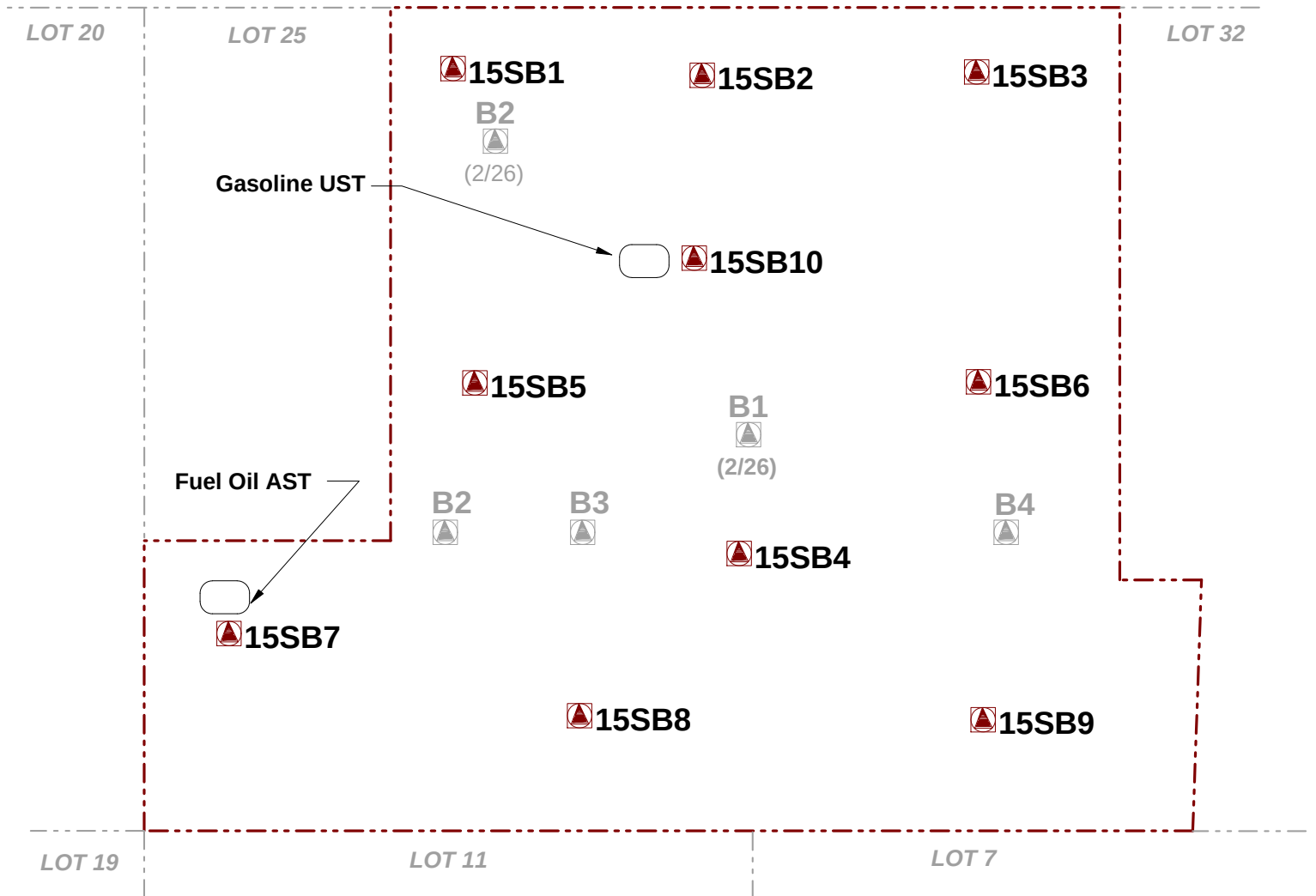
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BCP Property Boundary

SCALE:
0 10 20 30
Scale: 1 inch = 20 feet



ECKFORD STREET

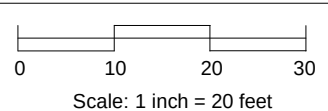
SIDWALK



KEY:

- BCP Boundary
- Soil Boring Location - December 2015
- Previous Soil Boring Location

SCALE:



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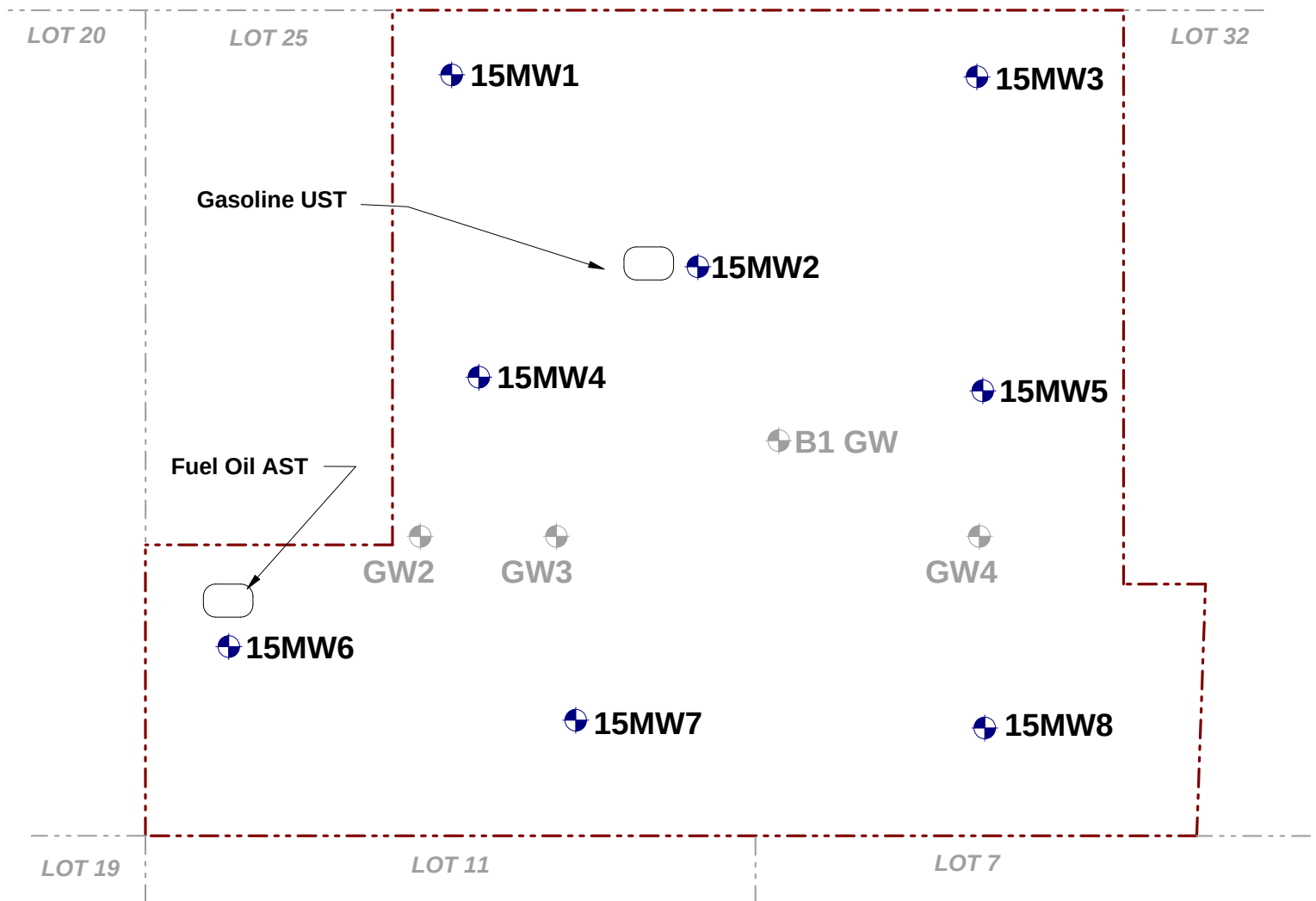
Figure No.
3

Site Name: **FORMER CARTER SPRAY FINISHING CORP.**
Site Address: **65 ECKFORD STREET, BROOKLYN, NY 11222**
Drawing Title: **SOIL BORING LOCATIONS**



ECKFORD STREET

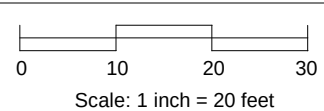
SIDWALK



KEY:

- BCP Boundary
- Monitoring Well Locations - December 2015
- Previous GW Sampling Location

SCALE:



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Figure No.
4

Site Name: **FORMER CARTER SPRAY FINISHING CORP.**

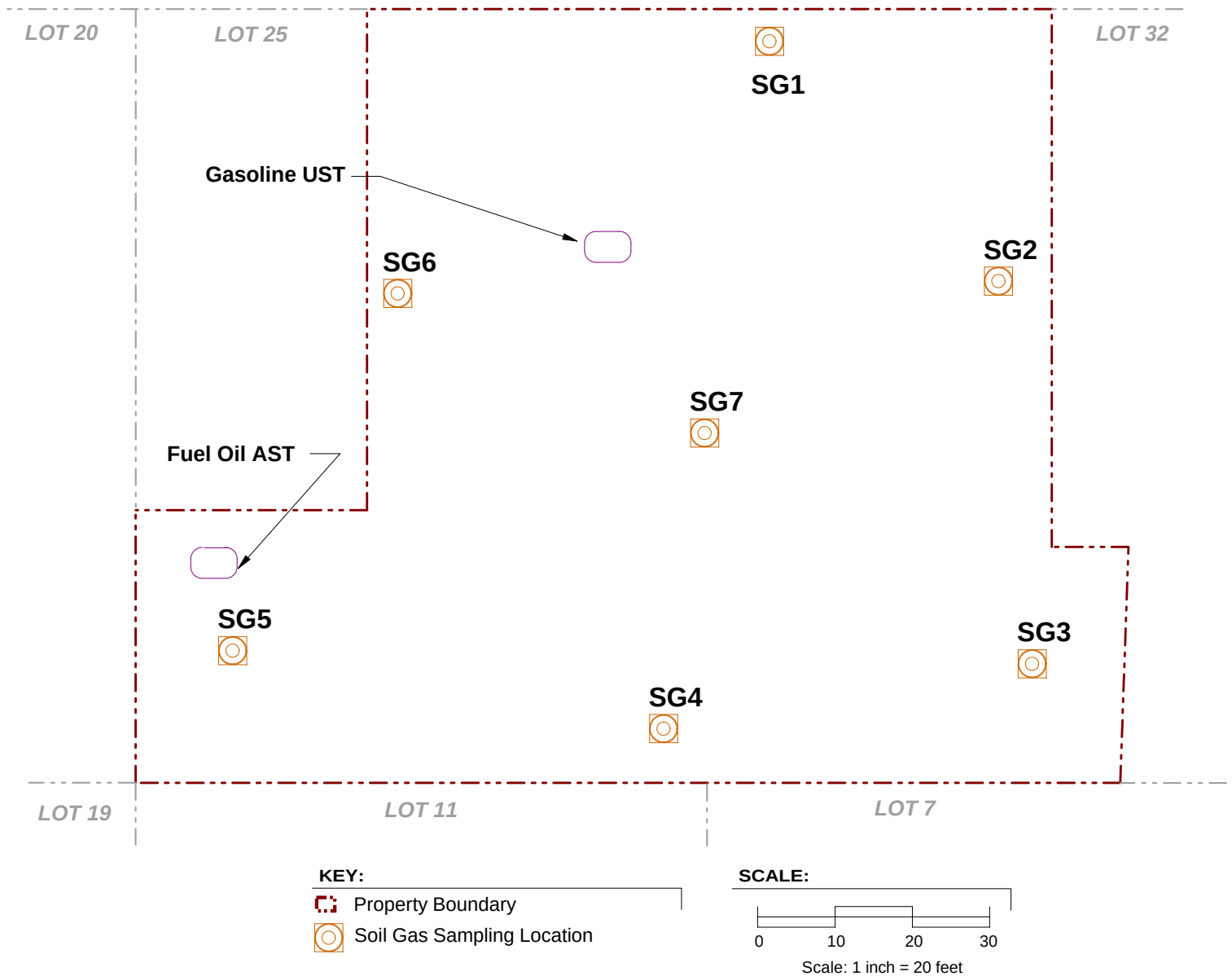
Site Address: **65 ECKFORD STREET, BROOKLYN, NY 11222**

Drawing Title: **MONITORING WELL LOCATIONS**



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SIDWALK



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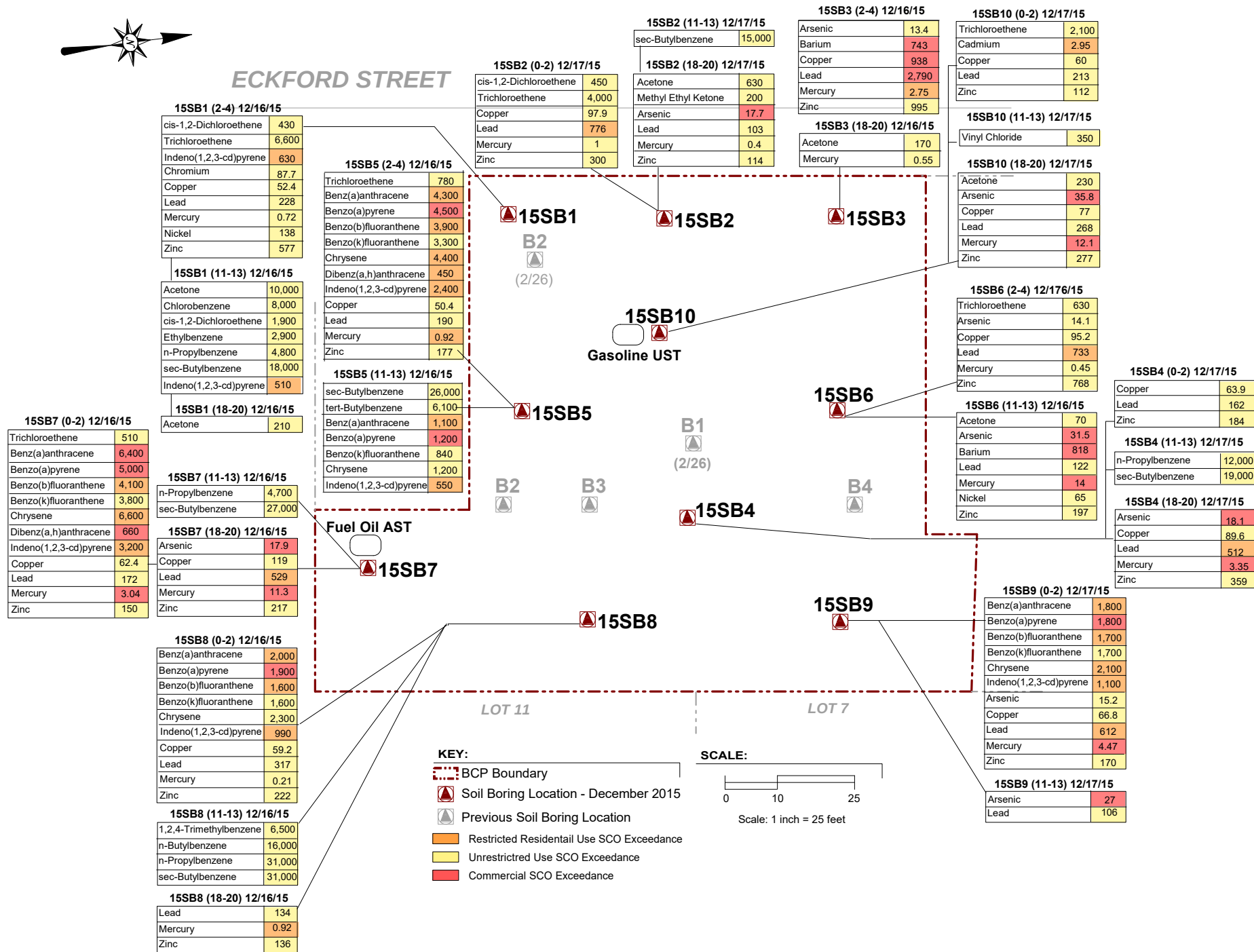
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Figure No.
6

Site Name: **FORMER CARTER SPRAY FINISHING CORP.**
Site Address: **65 ECKFORD STREET, BROOKLYN, NY 11222**
Drawing Title: **SOIL GAS SAMPLING LOCATIONS**



ECKFORD STREET



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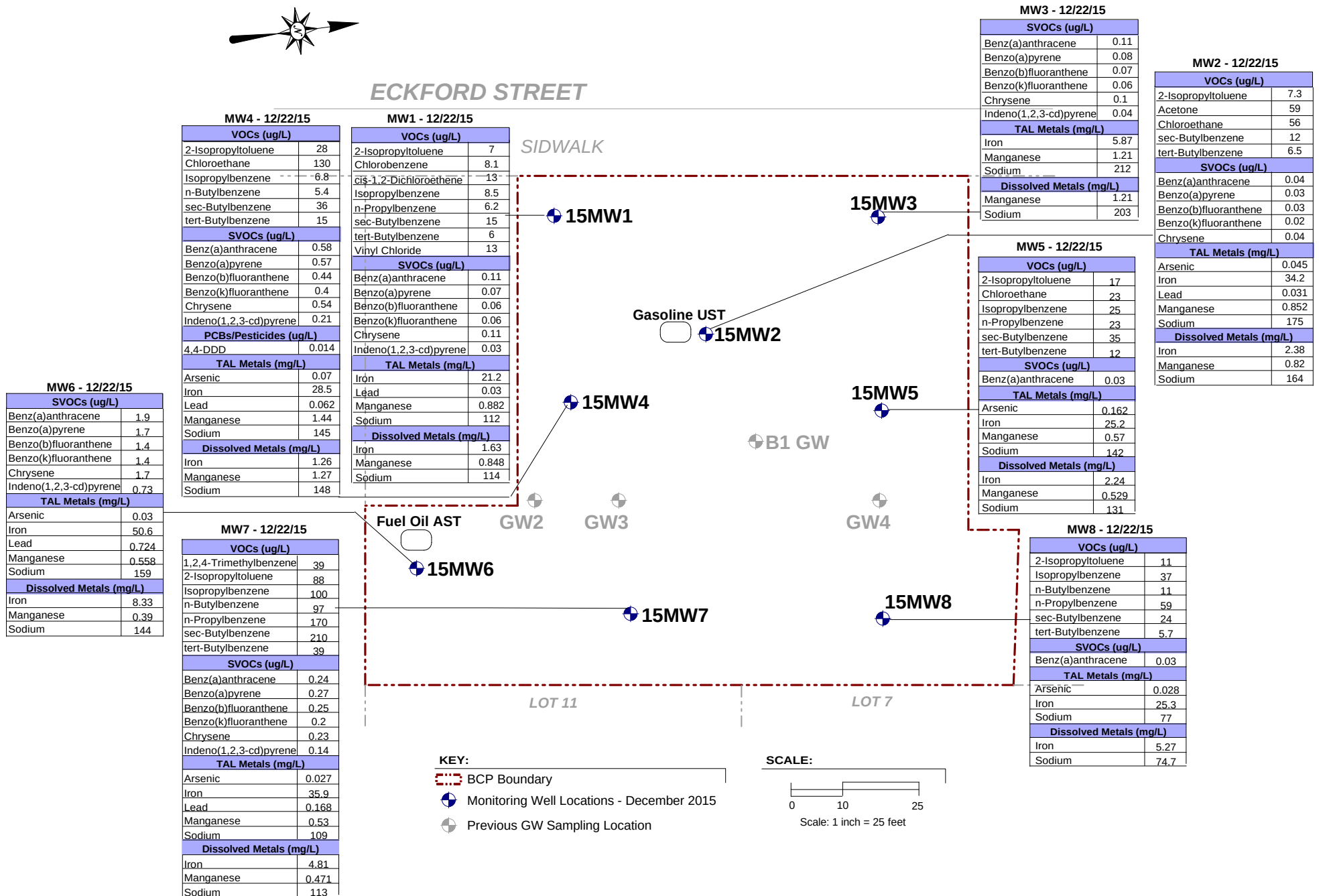
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Fax 631.924.2870

Figure No.
7

Site Name: **FORMER CARTER SPRAY FINISHING CORP.**
Site Address: **65 ECKFORD STREET, BROOKLYN, NY 11222**
Drawing Title: **POSTED SOIL EXCEEDENCES MAP**



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Figure No.
8

Site Name: **FORMER CARTER SPRAY FINISHING CORP.**
Site Address: **65 ECKFORD STREET, BROOKLYN, NY 11222**
Drawing Title: **GROUNDWATER EXCEEDENCES**



ECKFORD STREET

SG5 - 12/22/15	
Benzene	19.8
Carbon Disulfide	79.7
Cyclohexane	464
Ethanol	7.49
Heptane	300
Hexane	842
Isopropylalcohol	3.39
Xylene (o)	10.6
Propylene	1,320
Tetrachloroethene	2.77
Toluene	18.4
Trichloroethene	69.3
Vinyl Chloride	107

SG4 - 12/22/15	
1,1,1-Trichloroethane	1.37
1,2,4-Trimethylbenzene	1.62
1,3,5-Trimethylbenzene	1
Acetone	577
Benzene	49.2
Carbon Disulfide	12
Chloroform	1.58
cis-1,2-Dichloroethene	1.03
Ethanol	10.1
Ethylbenzene	13.9
Heptane	64.7
Hexane	193
Isopropylalcohol	4.45
Isopropylbenzene	4.43
Xylene (m&p)	13.9
Methyl Ethyl Ketone	11.1
Methylene Chloride	2.3
Xylene (o)	2.39
Propylene	473
Tetrachloroethene	7.93
Toluene	20.4
Trichloroethene	6.18

SG6 - 12/22/15	
1,1,1-Trichloroethane	1.62
1,1-Dichloroethane	1.72
4-Methyl-2-pentanone	3.03
Acetone	275
Benzene	4.15
Carbon Disulfide	62.5
Chloroethane	59.1
Chloroform	16.5
Dichlorodifluoromethane	1.68
Ethanol	6.12
Heptane	7.66
Hexane	11.1
Isopropylalcohol	3.05
Xylene (m&p)	4.05
Methyl Ethyl Ketone	9.4
Methylene Chloride	2.43
Xylene (o)	1.5
Propylene	66.4
Tetrachloroethene	13.8
Toluene	15.1
Trichloroethene	245
Trichlorofluoromethane	1.56

SIDWALK

Gasoline UST

Fuel Oil AST

KEY:
 Property Boundary
 Soil Gas Sampling Location

SCALE:

Scale: 1 inch = 25 feet

SG1 - 12/22/15	
1,1,1-Trichloroethane	3.38
1,1-Dichloroethane	6.63
1,2,4-Trimethylbenzene	1.64
2-Hexanone	4.3
Acetone	475
Chloroform	33
cis-1,2-Dichloroethene	85.2
Dichlorodifluoromethane	2.14
Ethanol	8.94
Ethylbenzene	1.1
Heptane	1.45
Isopropylalcohol	4.03
Xylene (m&p)	4.34
Methyl Ethyl Ketone	13.9
Methylene Chloride	2.75
Xylene (o)	1.17
Propylene	3.61
Tetrachloroethene	69.8
Toluene	9.91
trans-1,2-Dichloroethene	15.5
Trichloroethene	1,650
Vinyl Chloride	1.26

SG2 - 12/22/15	
1,2,4-Trimethylbenzene	1.24
Acetone	451
Benzene	2.29
Carbon Disulfide	2.3
Dichlorodifluoromethane	128
Ethanol	14.8
Ethylbenzene	1.3
Heptane	16.2
Hexane	46.5
Isopropylalcohol	7.17
Xylene (m&p)	4.13
Methyl Ethyl Ketone	14.2
Methylene Chloride	1.07
Xylene (o)	1.15
Propylene	160
Tetrachloroethene	0.72
Toluene	7.65
Trichloroethene	4.04
Vinyl Chloride	7.43

SG7 - 12/22/15	
4-Methyl-2-pentanone	5.77
Acetone	203
Carbon Disulfide	29.4
Chloroethane	7.17
Cyclohexane	10.9
Ethanol	6.23
Heptane	6.47
Hexane	18.1
Isopropylalcohol	8.55
Methyl Ethyl Ketone	5.36
Propylene	182
Tetrachloroethene	14.3
Toluene	6.21
Trichloroethene	38
Trichlorofluoromethane	30.9

SG3 - 12/22/15	
1,1,1-Trichloroethane	47.6
1,2,4-Trimethylbenzene	1.26
Acetone	117
Carbon Disulfide	1.85
Dichlorodifluoromethane	2.06
Ethanol	4.59
Isopropylalcohol	1.94
Xylene (m&p)	1.86
Methyl Ethyl Ketone	2.88
Methylene Chloride	3.1
Propylene	5.87
Tetrachloroethene	7.39
Toluene	2.07
Trichloroethene	14.1
Trichlorofluoromethane	1.99

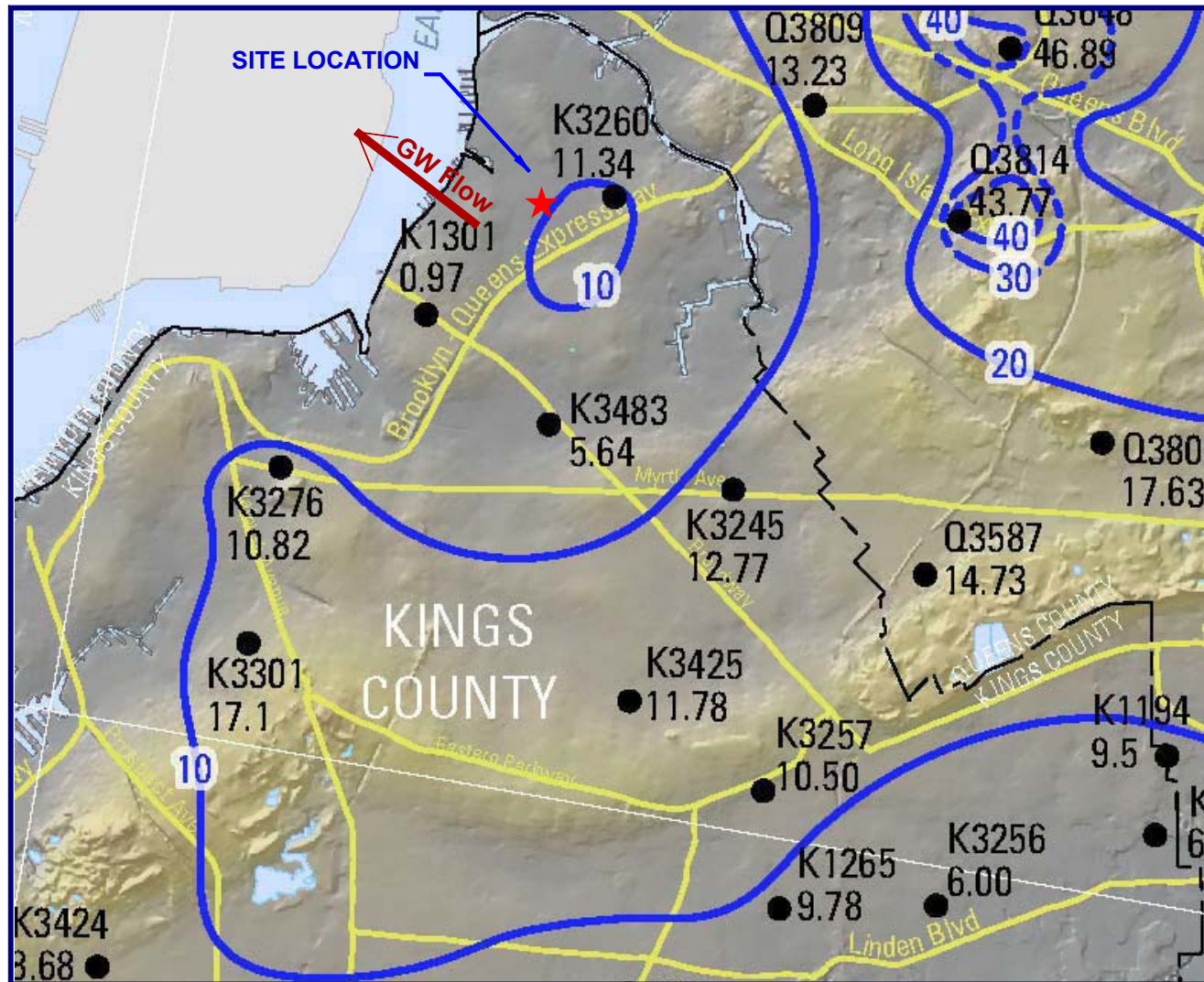


ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

Figure No.
9

Site Name: **FORMER CARTER SPRAY FINISHING CORP.**
Site Address: **65 ECKFORD STREET, BROOKLYN, NY 11222**
Drawing Title: **SOIL GAS DETECTIONS**



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

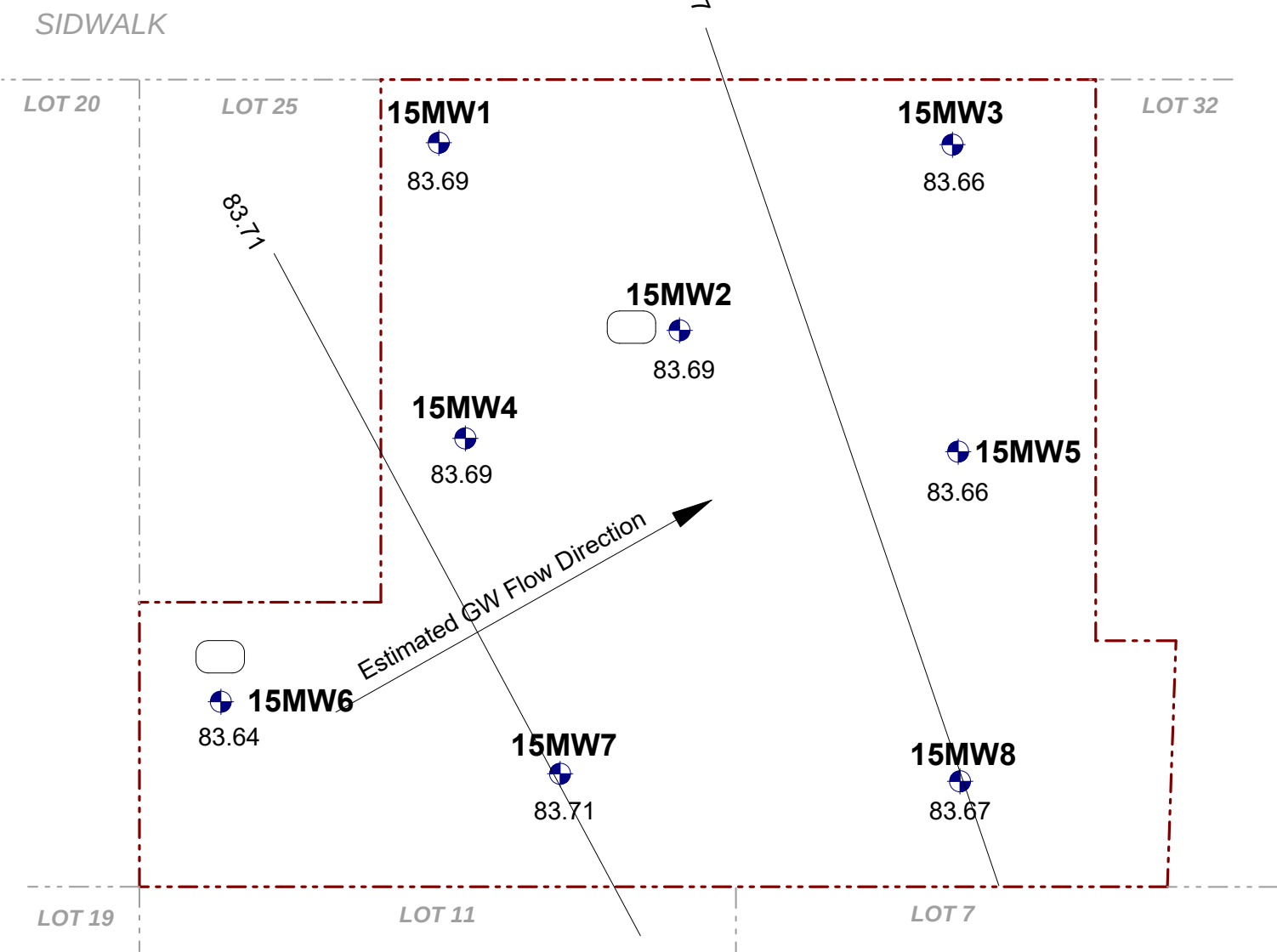
Phone 631.504.6000
Fax 631.924.2780

FORMER CARTER SPRAY FINISHING CORP.
65 ECKFORD STREET, BROOKLYN, NY

FIGURE 10 **REGIONAL GROUNDWATER MAP**



ECKFORD STREET



KEY:

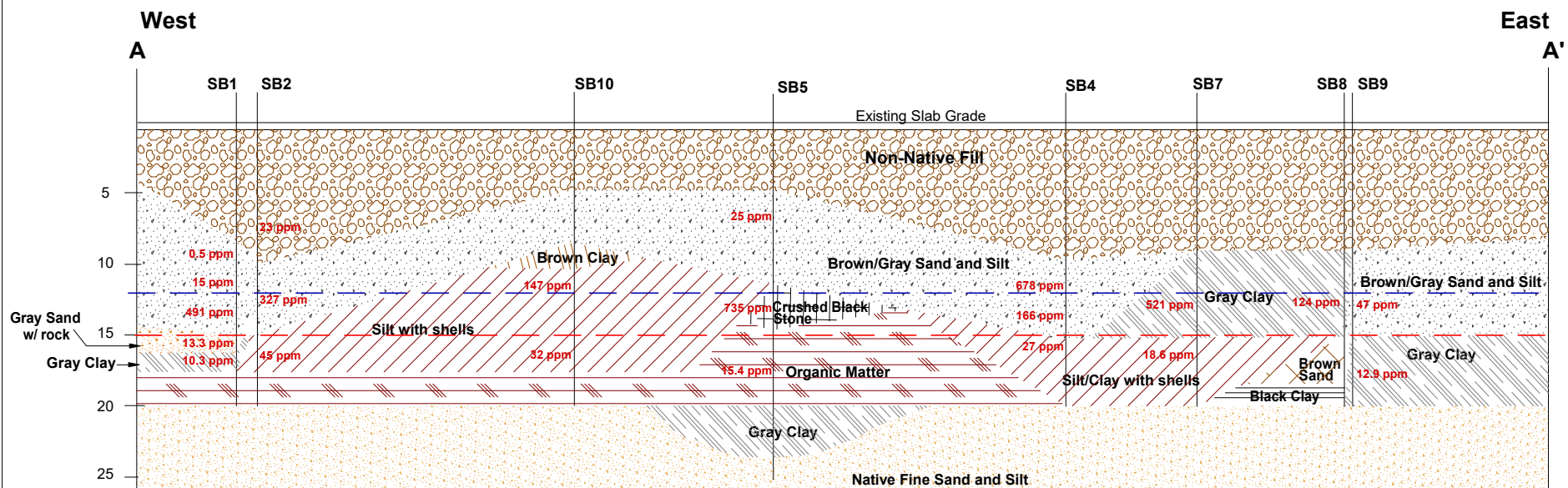
BCP Boundary

Monitoring Well Locations - December 2015

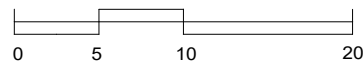
SCALE:

0 10 20 30

Scale: 1 inch = 20 feet



SCALE:



1 Inch = 10 Feet

KEY:

- Foundation and Footing Excavation Depth
- Excavation Depth/Depth to Groundwater

EB**C**

ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

Figure No.
12

Site Name: **FORMER CARTER SPRAY FINISHING CORP.**

Site Address: **65 ECKFORD STREET, BROOKLYN, NY**

Drawing Title: **GEOLOGIC CROSS SECTION**

ATTACHMENT A
Prior Reports
(attached on CD)

ATTACHMENT B
Soil Boring Logs

ENVIRONMENTAL BUSINESS CONSULTANTS

Location: Performed in the southwest corner of the site.			Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: SSL1501		Address: 65 Eckford St Brooklyn, NY		Date	DTW	Ground Elevation
				Groundwater depth		
Drilling Company: C ² Environmental		Method: Geoprobe		11 ft		
Date Started: 12/16/2015		Date Completed: 12/16/2015				None
Completion Depth: 20 feet		Geologist Tom Gallo				

[illegible]

ENVIRONMENTAL BUSINESS CONSULTANTS

Location: Performed ~ 10ft from western property line (Eckford Street), and 50ft from the northern property line.		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: SSL1501		Address: 65 Eckford St Brooklyn, NY		Date	DTW
				Ground Elevation	
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth	
				11 ft	
Date Started: 12/17/2015		Date Completed: 12/17/2015		Well Specifications	
Completion Depth: 20 feet		Geologist: Greg Swirson		None	

[illegible]

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

15SB3 Boring Log

Location: Performed in the northwest corner of the Site.		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: SSL1501		Address: 65 Eckford St Brooklyn, NY		Date	DTW
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth	
Date Started: 12/16/2015		Date Completed: 12/16/2015		11 ft	
Completion Depth: 20 feet		Geologist Tom Gallo		Well Specifications	
				None	

15SB3 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	20		0.0	20" - Brown silty sand w/brick & coal fragments Fill Material (no odor)
	5				<i>*Retained soil sample 15SB3(2-4)</i>
	to	14		0.0	14" - Brown silty sand w/coal fragments Fill Material (no odor)
	10				
	to	12		1.7	12" - Brown sand (no odor)
	15				<i>*Retained soil sample 15SB3(11-13)</i>
	to	17		0.0	6" - Brown silty sand w/coal fragments 11" - Grey clay w/organic matter (no odor)
	20				<i>*Retained soil sample 15SB3(18-20)</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

15SB4 Boring Log

Location: Performed ~80ft from northern property line and 33ft from eastern property line (rear).		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: SSL1501		Address: 65 Eckford St Brooklyn, NY		Date	DTW
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth	
Date Started: 12/17/2015		Date Completed: 12/17/2015		11 ft	
Completion Depth: 20 feet		Geologist Greg Swirson		Well Specifications	
				None	

15SB4 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	25		0.0	25" - Brown silty sand w/brick & coal fragments Fill Material (no odor)
	5				<i>*Retained soil sample 15SB4(0-2)</i>
	to	16		0.0	16" - Brown silt w/brick & coal fragments (no odor)
	10			678	12" - Grey silty clay (strong petroleum odor)
	to	18		166	6" - black sandy silt (petroleum odor)
	15				<i>*Retained soil sample 15SB4(11-13)</i>
	to	31		27	6" - Grey silty clay w/crushed shells (slight odor)
	20			0.0	25" - Grey silty clay w/crushed shells (no odor)
					<i>*Retained soil sample 15SB4(18-20)</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

15SB5 Boring Log

Location: Performed ~10ft from the southern property line, and 45ft from the western property line (Eckford St).			Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: SSL1501		Address: 65 Eckford St Brooklyn, NY		Date	DTW	Ground Elevation
				Groundwater depth		
				11 ft		
Drilling Company: C ² Environmental		Method: Geoprobe		None		
Date Started: 12/16/2015		Date Completed: 12/16/2015				
Completion Depth: 25 feet		Geologist Tom Gallo				

15SB5 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	27		0.0	27" - Brown silty sand w/brick fragments Fill Material (no odor)
	5				*Retained soil sample 15SB5(2-4)
	to	21		0.0 25	10" - Brown sand 11" - Brown silt sand (Slight petroleum odor)
	10				
	to	17		735	7" - Grey/black silty sand 10" - Crushed black stone fragments (Strong petroleum odor)
	15				*Retained soil sample 15SB5(11-13)
	to	31		15.4	2" - Crushed black stone fragments 29" - Dark brown clay w/organic matter (Petroleum odor)
	20				
	to	48		0.0	36" - Grey clay 12" - Brown sand
	25				*Retained soil sample 15SB5(22-24)

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

15SB6 Boring Log

Location: Performed 15ft from northern property line and 55ft from eastern property line (rear).		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: SSL1501		Address: 65 Eckford St Brooklyn, NY		Date	DTW
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth	
Date Started: 12/17/2015		Date Completed: 12/17/2015		11 ft	
Completion Depth: 20 feet		Geologist Greg Swirson		Well Specifications	
				None	

15SB6 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	24		0.0	24" - Brown silty sand w/coal fragments Fill Material (no odor)
	5				<i>*Retained soil sample 15SB6(0-2)</i>
	to	26		0.0	26" - Brown silty sand w/coal fragments Fill Material (no odor)
	10				
	to	8		119	8" - Grey silt w/pieces of wood (petroleum odor)
	15				<i>*Retained soil sample 15SB6(11-13)</i>
	to	10		27.1 10.3	5" - Grey silty clay (slight petroleum odor) 5" - Grey silty clay (slight petroleum odor)
	20				<i>*Retained soil sample 15SB6(18-20)</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

15SB7 Boring Log

Location: Performed in southeast corner of Site, ~20ft from eastern property line (rear).		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: SSL1501		Address: 65 Eckford St Brooklyn, NY		Date	DTW
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth	
Date Started: 12/17/2015		Date Completed: 12/17/2015		11 ft	
Completion Depth: 20 feet		Geologist Greg Swirson		Well Specifications	
				None	

15SB7 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	30		0.0	15" - Brown silty sand w/brick fragments Fill Material (no odor) 15" - Brown clay (no odor)
	5				<i>*Retained soil sample 15SB7(0-2)</i>
	to	30		0.0	30" - Dark brown silty sand w/coal fragments Fill Material (no odor)
	10				
	to	28		521	28" - Grey silty clay (petroleum odor)
	15				<i>*Retained soil sample 15SB7(11-13)</i>
	to	31		18.6	8" - Grey silt w/crushed shells/reeds (slight odor)
				0.0	25" - Grey silt w/crushed shells/reeds (no odor)
	20				<i>*Retained soil sample 15SB7(18-20)</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

15SB8 Boring Log

Location: Performed ~15ft from the eastern property line (rear) and 75 feet from the northern property line.			Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: SSL1501		Address: 65 Eckford St Brooklyn, NY		Date	DTW	Ground Elevation
				Groundwater depth		Well Specifications
Drilling Company: C ² Environmental		Method: Geoprobe		11 ft		
Date Started: 12/17/2015		Date Completed: 12/17/2015		None		
Completion Depth: 20 feet		Geologist Greg Swirson				

15SB8 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	31		0.0	31" - Brown silty sand w/brick and coal fragments Fill Material (No odor)
	5				<i>*Retained soil sample 15SB8(0-2)</i>
	to	8		0.0	8" - Brown silty sand w/brick and coal fragments Fill Material (No odor)
	10				
	to	20		124	20" - Grey clay (petroleum odor)
	15				<i>*Retained soil sample 15SB8(11-13)</i>
	to	20		0.0 0.0	15" - Brown sand (no odor) 5" - Black clay (no odor)
	20				<i>*Retained soil sample 15SB8(18-20)</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

15SB9 Boring Log

Location: Performed in northeast corner of the Site, ~10ft from east property line (rear) and 25ft from the northern property line.			Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: SSL1501		Address: 65 Eckford St Brooklyn, NY		Date	DTW	Ground Elevation
				Groundwater depth		Well Specifications
Drilling Company: C ² Environmental		Method: Geoprobe		11 ft		
Date Started: 12/17/2015		Date Completed: 12/17/2015		None		
Completion Depth: 20 feet		Geologist Greg Swirson				

15SB9 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	23		0.0	23" - Brown silty sand w/brick fragments Fill Material (no odor)
	5				<i>*Retained soil sample 15SB9(0-2)</i>
	to	0			No Recovery
	10				
	to	24		47.0	24" - Brown silt w/coarse sand (slight petro odor)
	15				<i>*Retained soil sample 15SB9(11-13)</i>
	to	6		12.9	6" - Grey clay (slight petroleum odor)
	20				<i>*Retained soil sample 15SB9(18-20)</i>

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: Performed immediately adjacent to gasoline tank in the rear of the building (eastern half), east of 15SB2.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: SSL1501	Address: 65 Eckford St Brooklyn, NY		Date	DTW
		Groundwater depth		Ground Elevation
Drilling Company: C ² Environmental		Method: Geoprobe		Well Specifications
Date Started: 12/17/2015		Date Completed: 12/17/2015		
Completion Depth: 20 feet		Geologist: Greg Swirson		
				None

[illegible]

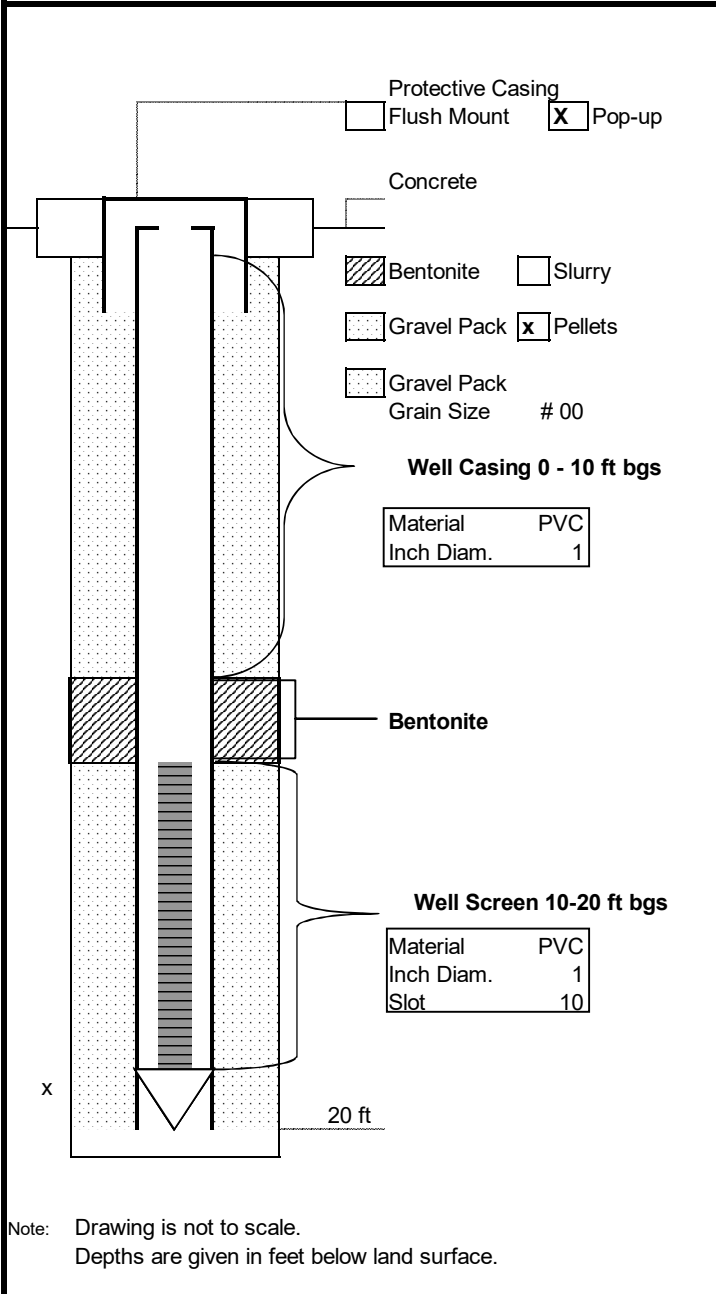
ATTACHMENT C
Monitoring Well Completion Reports



GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

15MW1



Monitoring Well No.: 15MW1

Project: 65 Eckford Street, Brooklyn NY

Depth to Groundwater: 11.24' Date: 12/22/2015

Installation Depth: 20ft bg

Survey Point Elevation:

Installation Date: 12/16/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Greg Swirson

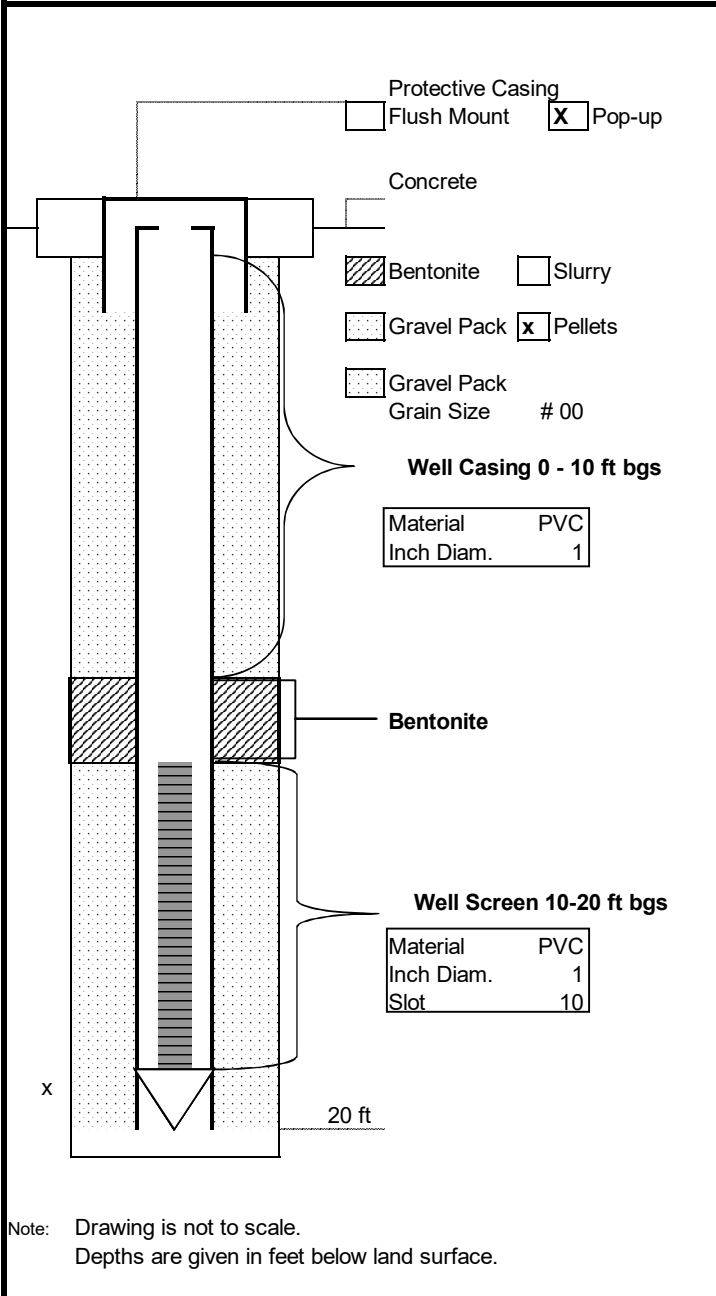
Company Name: EBC



GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

15MW2



Monitoring Well No.: 15MW2

Project: 65 Eckford Street, Brooklyn NY

Depth to Groundwater: 11.31' Date: 12/22/2015

Installation Depth: 20ft bg

Survey Point Elevation:

Installation Date: 12/17/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Greg Swirson

Company Name: EBC



CONSTRUCTION LOG

15MW3



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

Monitoring Well No.: 15MW3

Project: 65 Eckford Street, Brooklyn NY

Depth to Groundwater: 11.12' Date: 12/22/2015

Installation Depth: 20ft bg

Survey Point Elevation:

Installation Date: 12/16/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Greg Swirson

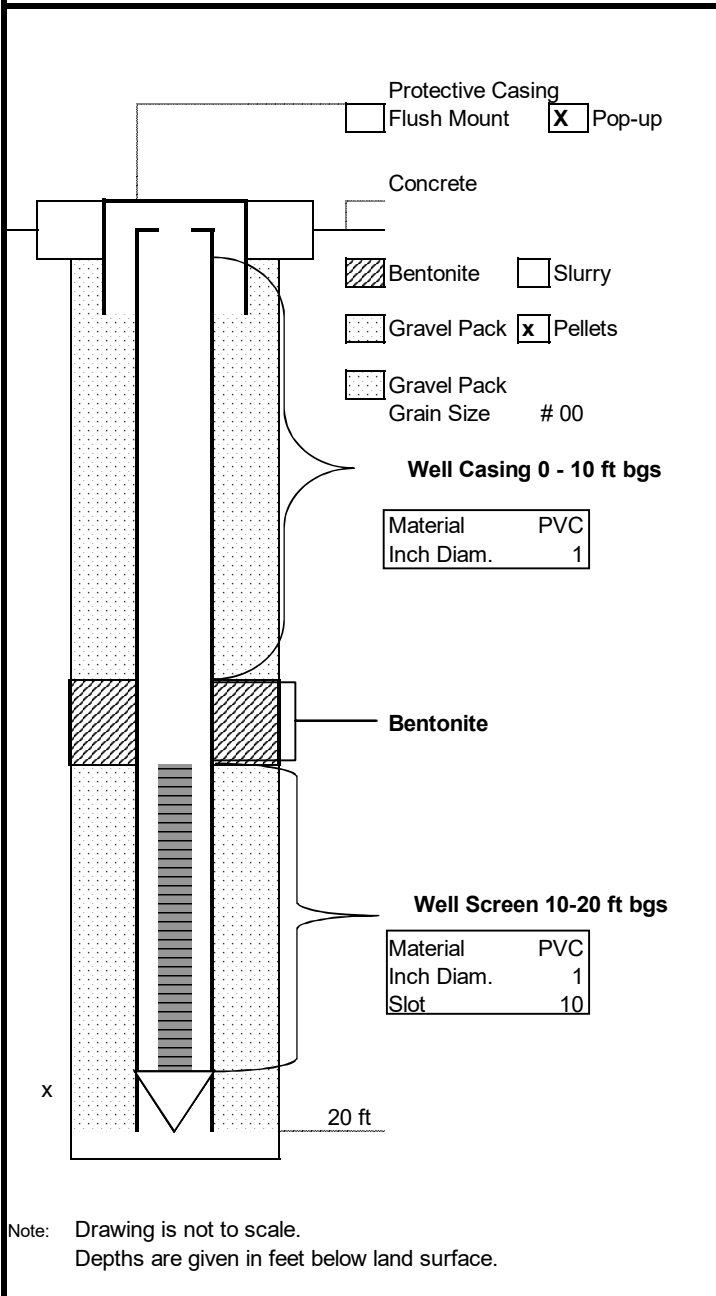
Company Name: EBC



GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

15MW4



Monitoring Well No.: 15MW4

Project: 65 Eckford Street, Brooklyn NY

Depth to Groundwater: 12.21' Date: 12/22/2015

Installation Depth: 20ft bg

Survey Point Elevation:

Installation Date: 12/17/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Greg Swirson

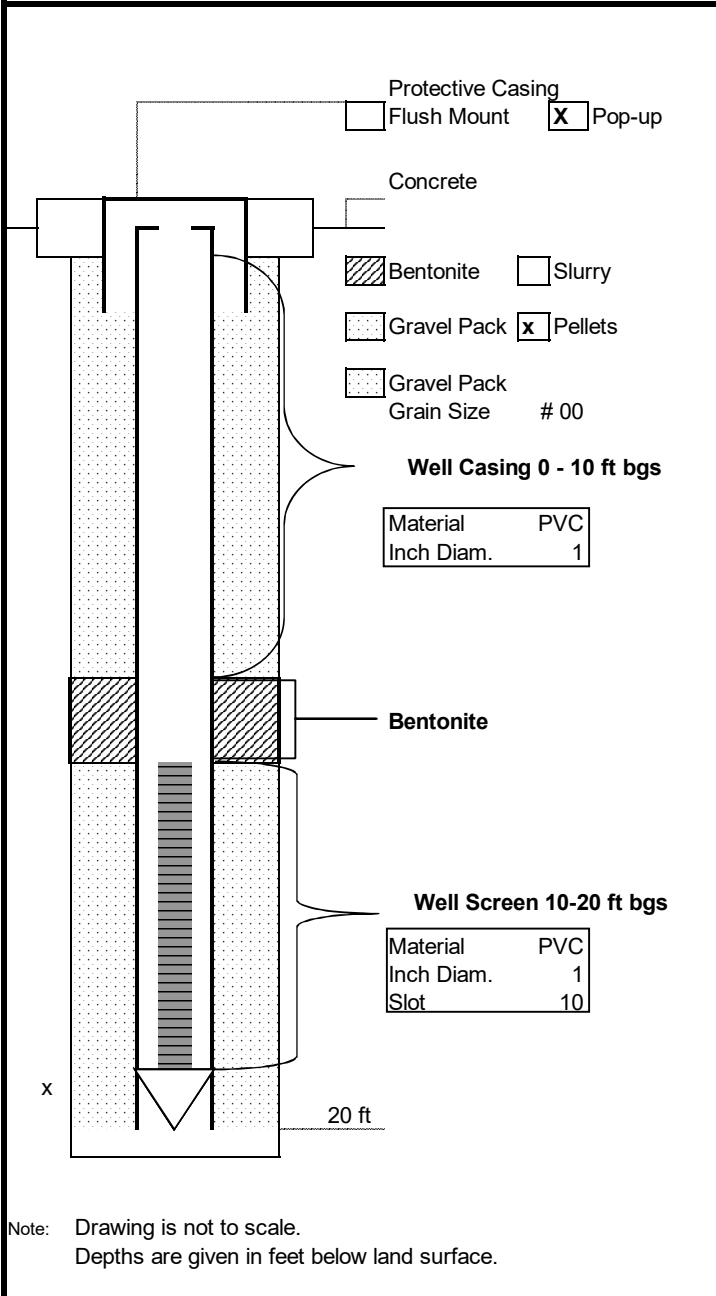
Company Name: EBC



GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

15MW5



Monitoring Well No.: 15MW5

Project: 65 Eckford Street, Brooklyn NY

Depth to Groundwater: 12.38' Date: 12/22/2015

Installation Depth: 20ft bg

Survey Point Elevation:

Installation Date: 12/16/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Greg Swirson

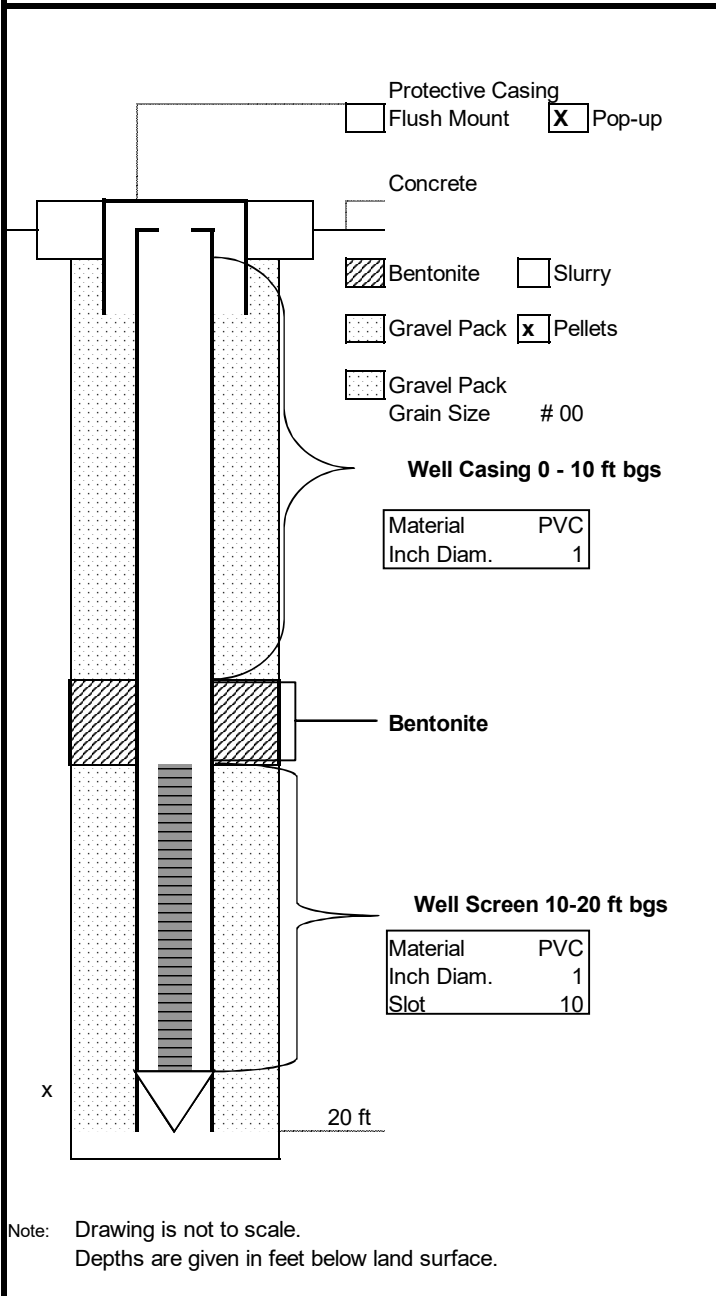
Company Name: EBC



GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

15MW6



Monitoring Well No.: 15MW6

Project: 65 Eckford Street, Brooklyn NY

Depth to Groundwater: 12.75' Date: 12/22/2015

Installation Depth: 20ft bg

Survey Point Elevation:

Installation Date: 12/17/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Greg Swirson

Company Name: EBC

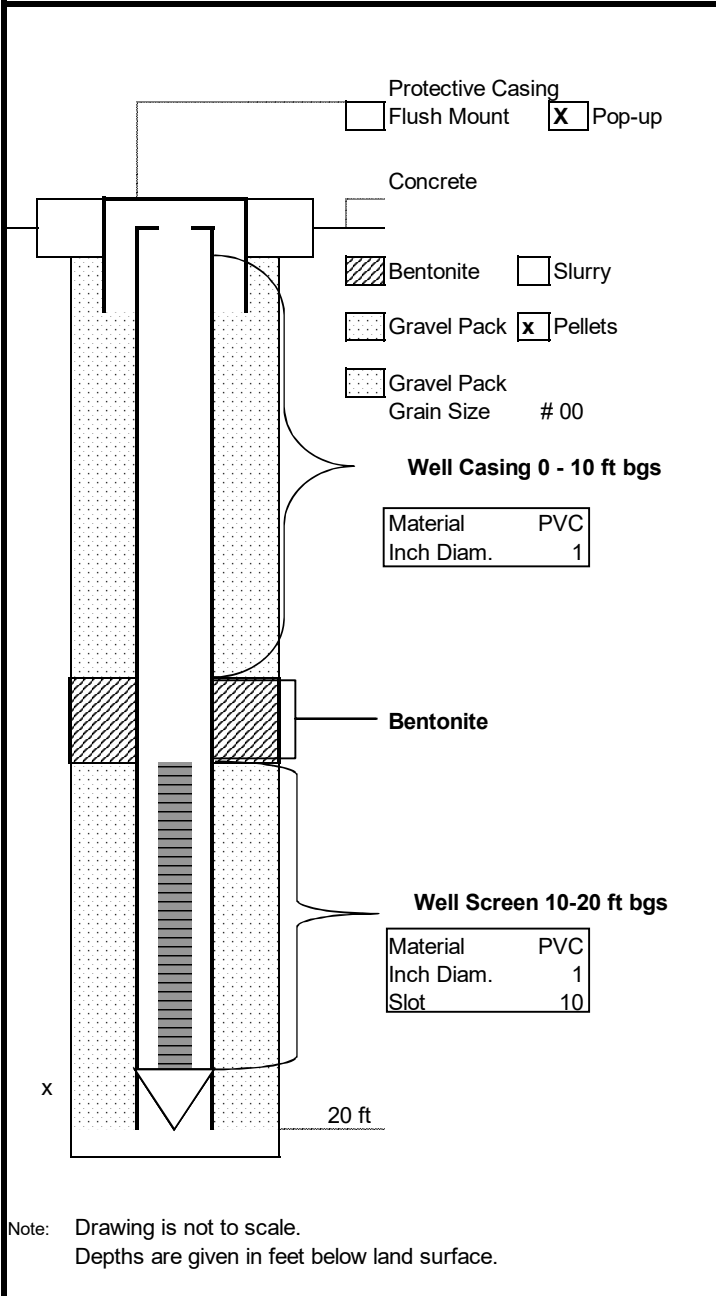


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

15MW7



Monitoring Well No.: 15MW7

Project: 65 Eckford Street, Brooklyn NY

Depth to Groundwater: 13.42' Date: 12/22/2015

Installation Depth: 20ft bg

Survey Point Elevation:

Installation Date: 12/17/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Greg Swirson

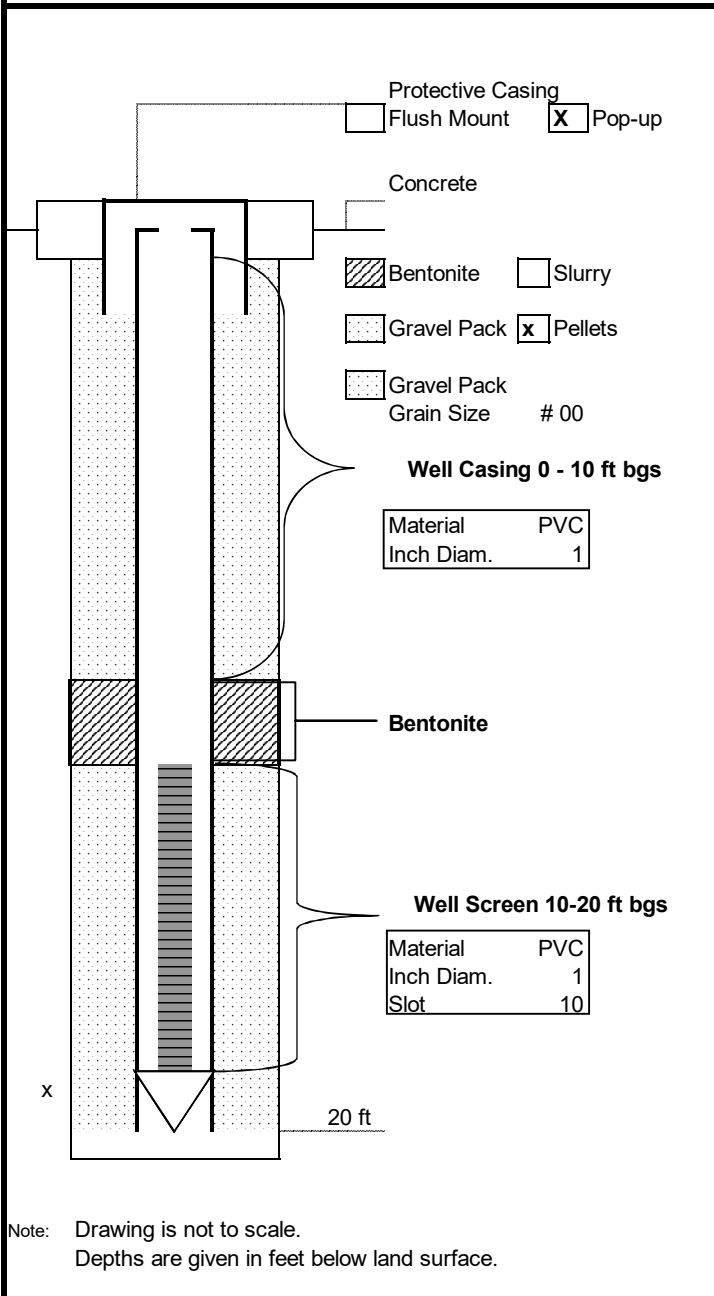
Company Name: EBC



GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

15MW8



Monitoring Well No.: 15MW8

Project: 65 Eckford Street, Brooklyn NY

Depth to Groundwater: 13.92' Date: 12/22/2015

Installation Depth: 20ft bg

Survey Point Elevation:

Installation Date: 12/17/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Greg Swirson

Company Name: EBC

ATTACHMENT D
Groundwater Sampling Logs



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 15 MW1

Well Depth (from TOC): 20

Static Water Level (from TOC): 11.24

Height of Water in Well: 8.76

Gallons of Water per Well Volume: _____

Flow Rate: 400ml/min.

GROUNDWATER PURGE / SAMPLE LOGS

Date: 12/22/15

Equipment: Peristaltic Pump

Florida

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
10:47	400ml/min	0	6.75	1.40	17.70	0.06	-107	1000	0.924	Black, turbid
10:50	400ml/min	0.33	6.69	1.50	18.04	0.00	-114	1000	0.968	Grey, cloudy turbid
10:55	400ml/min	0.88	6.66	1.54	18.23	0.00	-119	383	0.989	Clear
11:00	400ml/min	1.43	6.66	1.65	18.32	0.00	-125	123	0.985	Clear
11:05	400ml/min	1.98	6.65	1.51	18.35	0.11	-121	72	0.968	Clear
11:10	400ml/min	2.53	6.65	1.51	18.37	0.00	-121	40	0.968	Clear
11:15	400ml/min	3.08	6.64	1.51	18.36	0.00	-121	38	0.968	Clear
11:20	400ml/min	3.63	6.64	1.51	18.37	0.00	-121	35	0.964	Clear
										* Sampled 15 MW1

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER PURGE / SAMPLE LOGS

Well I.D.: 16 MW2

Date: 12/22/15

Well Depth (from TOC): 20

Equipment: _____

Static Water Level (from TOC): _____

Height of Water in Well: _____

Gallons of Water per Well Volume: _____

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
12:10	400ml/min	0	6.59	1.80	17.96	0.0	-94	1000	1.16	Black, Turbid
12:13	400ml/min	0.33	6.58	1.86	18.56	0.0	-105	1000	1.19	Black, Turbid
12:19	400ml/min	0.89	6.61	1.88	18.70	0.0	-115	932	1.20	gray, less Turbid
12:23	400ml/min	1.43	6.61	0.098	18.34	0.0	-118	80	1.26	Clear
12:29	400ml/min	1.99	6.62	0.004	18.05	0.0	-117	42	1.21	Clear
12:33	400ml/min	2.43	6.60	0.003	18.02	0.0	-117	41	1.21	Clear
12:38	400ml/min	2.98	6.59	0.002	18.02	0.0	-117	41	1.20	Clear
										* collected 14ml for sample.

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER PURGE / SAMPLE LOGS

Well I.D.: 15 MW3Date: 12/22/15Well Depth (from TOC): 20

Equipment: _____

Static Water Level (from TOC): _____

Height of Water in Well: _____

Gallons of Water per Well Volume: _____

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
9:08	400ml/min	0	6.57	2.27	17.05	1.99	-50	437	1.45	Turbid / Black
9:11	400ml/min	~~25~~ 0.33	6.69	2.24	18.10	1.75	-70	200	1.43	cloudy / gray
9:16	400ml/min	~~0.88~~ 0.58	6.70	2.24	18.36	1.24	-84	560	1.43	clear
9:21	400ml/min	~~0.14~~ 1.43	6.69	2.25	18.34	0.96	-91	277	1.44	clear
9:26	400ml/min	1.98	6.70	2.26	18.22	0.62	-94	201	1.44	clear
9:31	400ml/min	~~2.53~~ 2.53	6.70	2.26	18.18	0.37	-97	44	1.45	clear
9:36	400ml/min	3.08	6.70	2.26	18.19	0.35	-97	40	1.45	clear
9:41	400ml/min	3.63	6.69	2.25	18.19	0.37	-98	38	1.45	clear
										* Sampled in W3

Note 400 ml = 0.11 gallons

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: ~~15Mw4~~ 15Mw4

Well Depth (from TOC):

25,

Static Water Level (from TOC):

12021

Height of Water in Well:

7.79

Gallons of Water per Well Volume:

Flow Rate: 400ml/min.

400ml/min.

Date:

17-22-2015

Equipment:

Peristaltic Pump

Florida

[illegible]

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER PURGE / SAMPLE LOGS

Well I.D.: 15MW5 Date: 12/22/15
Well Depth (from TOC): 20 Equipment: _____
Static Water Level (from TOC): _____
Height of Water in Well: _____
Gallons of Water per Well Volume: _____
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
12:43	400ml/min	0	6.60	1.64	18.28	0.12	-90	1000	1.05	Gray, Turbid
12:46	400ml/min	0.33	6.59	1.64	18.57	0.00	-100	973	1.05	Gray, less Turbid
12:51	400ml/min	0.88	6.60	1.62	18.71	0.00	-109	316	1.04	Clear
12:56	400ml/min	1.43	6.60	1.60	18.73	0.00	-113	113	1.02	Clear
13:01	400ml/min	1.98	6.61	1.59	18.69	0.00	-115	82.6	1.02	Clear
13:06	400ml/min	2.53	6.61	1.58	18.76	0.00	-116	76.4	1.01	Clear
13:11	400ml/min	3.08	6.61	1.57	18.70	0.00	-118	54.5	1.01	Clear
13:16	400ml/min	3.63	6.62	1.57	18.68	0.00	-118	41.9	1.01	Clear
13:21	400ml/min	4.18	6.62	1.57	18.70	0.00	-119	41.5	1.00	Clear
13:26	400ml/min	4.73	6.62	1.57	18.69	0.00	-119	35.7	1.00	Clear
										* collected 15MW5 sample.

Note 400 ml = 0.11 gallons

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 15 MW6

Well Depth (from TOC):

Well Depth (from TOC):

20

Static Water Level (from TOC):

Height of Water in Well:

Gallons of Water per Well Volume:

Flow Rate: 400ml/min.

400ml/min.

Flow Rate:

Date:

121²³15

Equipment:

4410

Peristaltic Pump

[illegible]

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER PURGE / SAMPLE LOGS

Well I.D.: 15 MW7

Date: 12/23/15

Well Depth (from TOC): 20

Equipment: Peristaltic Pump

Static Water Level (from TOC): _____

Height of Water in Well: _____

Horiba

Gallons of Water per Well Volume: _____

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
7:19am	400ml/min	0	6.61	1.79	16.89	1.08	-75	1000	1.13	Black/Turbid
7:22am	400ml/min	0.33	6.50	1.77	17.77	0.00	-96	1000	1.13	cloudy
7:27am	400ml/min	0.88	6.50	1.77	17.95	0.00	-99	654	1.13	Clear
7:32am	400ml/min	1.43	6.50	1.76	17.78	0.00	-100	337	1.13	Clear
7:37am	400ml/min	1.98	6.50	1.76	17.59	0.00	-100	96.5	1.12	Clear
7:42am	400ml/min	2.53	6.50	1.76	17.61	0.00	-101	96.6	1.12	Clear
7:47am	400ml/min	3.08	6.50	1.76	17.60	0.00	-101	47.2	1.12	Clear
7:52am	400ml/min	3.63	6.50	1.76	17.61	0.00	-101	44.1	1.12	Clear
7:57am	400ml/min	4.18	6.50	1.76	17.62	0.00	-101	41.0	1.12	Clear
										* collected sample 15MW7

Note 400 ml = 0.11 gallons

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 15 MWB

Well Depth (from TOC):

Static Water Level (from TOC):

Height of Water in Well:

Gallons of Water per Well Volume:

Flow Rate: 400ml/min.

Date:

Equipment:

12/23/15

Peristaltic pump

for ice

[illegible]

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

ATTACHMENT 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 _____ of _____

Data Delivery:

☐ Fax #:

☒ Email: File

☐ Phone #:

Report to:	Invoice to: <u>EBC</u>	Project Name: <u>65 Eckford St, Brooklyn, NY</u>
Customer: <u>EBC</u>		Requested Deliverable: RCP ☐ ASP CAT B ☒
Address: <u>1808 Middle Country Rd</u>		MCP ☐ NJ Deliverables ☐
<u>Ridge NY</u>	Sampled by: <u>Greg Swirsen</u>	State where samples collected: <u>NY</u>

Phoenix ID #	Client Sample ID	THIS SECTION FOR LAB USE ONLY						Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (C) Composite (C)	ANALYSES	
		Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)									TU-14	TO-15
43839	SG4	19635	6.0	-30	-3	4485	41.7	840	1048	12/22	-29	-4		X		X	
43840	SG6	13635	6.0	-30	-4	4494		830	1027	12/22	-30	-5		X		X	
43841	SG1	18855	6.0	-30	-4	5013		829	1036	12/22	-30	-5		X		X	
43842	SG3	19631	6.0	-30	-2	5016		837	1042	12/22	-30	-4		X		X	
43843	SG7	13647	6.0	-30	-2	5073		834	1047	12/22	-30	-4		X		X	
43844	SG2	13646	6.0	-30		5040											
	Back	11880	6.0	-30	-4	3220		836	1038	12/22	-29	-5		X		X	
43845	SG5	483	6.0	-30		4979											
	6 L Johns	13633	6.0	-30	-2	5050		842	1049	12/22	-29	-3		X		X	

Relinquished by: <u>[Signature]</u>	Accepted by: <u>[Signature]</u>	Date: <u>12-23-15</u>	Time: <u>1048</u>	Data Format: <u>Excel</u>	Equis ☒	GISKey ☐
				PDF ☒	Other: ☐	

SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:

Requested Criteria: TECHNICAL

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: _____

ATTACHMENT F
Laboratory Reports (On Disk)



Friday, January 22, 2016

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

Project ID: 65 ECKFORD ST BROOKLYN NY
Sample ID#s: BK43846 - BK43851

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.

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, 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



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 65 ECKFORD ST BROOKLYN NY
Laboratory Project: GBK43846



Environmental Laboratories, Inc.
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NY Analytical Services Protocol Format

January 23, 2016

SDG I.D.: GBK43846

Environmental Business Consultants 65 ECKFORD ST BROOKLYN NY

Methodology Summary

Volatiles

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

Mercury

Methods for Chemical Analyses of Water and Wastes, EPA, Environmental Monitoring Systems Laboratory Cincinnati (EMSL-CL), EPA-600/4-79-020, method 245.1
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7470A.

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)/Pesticides:

Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 608) as printed in 40CFR part 136.

Semivolatile Organic Compounds

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

Semi-volatiles analysis

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8270D (SIM - selective ion monitoring mode).



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NY Analytical Services Protocol Format

January 23, 2016

SDG I.D.: GBK43846

Environmental Business Consultants 65 ECKFORD ST BROOKLYN NY

Sample Id Cross Reference

Client Id	Lab Id	Matrix
15 MW 1	BK43846	GROUND WATER
15 MW 2	BK43847	GROUND WATER
15 MW 3	BK43848	GROUND WATER
15 MW 4	BK43849	GROUND WATER
15 MW 5	BK43850	GROUND WATER
GW DUPLICATE	BK43851	GROUND WATER



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NY Analytical Services Protocol Format

January 23, 2016

SDG I.D.: GBK43846

Environmental Business Consultants 65 ECKFORD ST BROOKLYN NY

Laboratory Chronicle

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

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BK43846	Aluminum	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Aluminum (Dissolved)	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Antimony	12/22/15	12/23/15	12/29/15	RS	Y
BK43846	Antimony, (Dissolved)	12/22/15	12/23/15	12/29/15	RS	Y
BK43846	Arsenic - LDL	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Arsenic, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Barium	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Barium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Beryllium	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Beryllium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Cadmium	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Cadmium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Calcium	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Calcium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Chromium	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Chromium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Cobalt	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Cobalt, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Copper	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Copper, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Iron	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Iron, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Lead	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Lead (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Magnesium	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Magnesium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Manganese	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Manganese, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Mercury	12/22/15	12/24/15	12/24/15	MA	Y
BK43846	Mercury (Dissolved)	12/22/15	12/28/15	12/28/15	RS	Y
BK43846	Nickel	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Nickel, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y



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January 23, 2016

SDG I.D.: GBK43846

Environmental Business Consultants 65 ECKFORD ST BROOKLYN NY

BK43846	Pesticides	12/22/15	12/28/15	12/29/15	CE	Y
BK43846	Polychlorinated Biphenyls	12/22/15	12/23/15	12/24/15	AW	Y
BK43846	Potassium	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Potassium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Selenium	12/22/15	12/23/15	12/29/15	RS	Y
BK43846	Selenium, (Dissolved)	12/22/15	12/23/15	12/28/15	RS	Y
BK43846	Semivolatiles	12/22/15	12/23/15	12/28/15	DD	Y
BK43846	Silver	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Silver (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Sodium	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Sodium (Dissolved)	12/22/15	12/23/15	12/28/15	LK	Y
BK43846	Thallium , (Dissolved)	12/22/15	12/23/15	12/28/15	RS	Y
BK43846	Thallium - LDL	12/22/15	12/23/15	12/28/15	RS	Y
BK43846	Vanadium	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Vanadium, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43846	Volatiles	12/22/15	12/28/15	12/28/15	MH	Y
BK43846	Zinc	12/22/15	12/23/15	12/29/15	LK	Y
BK43846	Zinc, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Aluminum	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Aluminum (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Antimony	12/22/15	12/23/15	12/29/15	RS	Y
BK43847	Antimony, (Dissolved)	12/22/15	12/23/15	12/29/15	RS	Y
BK43847	Arsenic - LDL	12/22/15	12/23/15	12/29/15	LK	Y
BK43847	Arsenic, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Barium	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Barium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Beryllium	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Beryllium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Cadmium	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Cadmium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Calcium	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Calcium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Chromium	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Chromium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Cobalt	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Cobalt, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Copper	12/22/15	12/28/15	12/29/15	LK	Y



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SDG I.D.: GBK43846

Environmental Business Consultants 65 ECKFORD ST BROOKLYN NY

BK43847	Copper, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Iron	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Iron, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Lead	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Lead (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Magnesium	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Magnesium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Manganese	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Manganese, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Mercury	12/22/15	12/24/15	12/24/15	MA	Y
BK43847	Mercury (Dissolved)	12/22/15	12/28/15	12/28/15	RS	Y
BK43847	Nickel	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Nickel, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Pesticides	12/22/15	12/28/15	12/29/15	CE	Y
BK43847	Polychlorinated Biphenyls	12/22/15	12/23/15	12/24/15	AW	Y
BK43847	Potassium	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Potassium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Selenium	12/22/15	12/23/15	12/29/15	RS	Y
BK43847	Selenium, (Dissolved)	12/22/15	12/23/15	12/28/15	RS	Y
BK43847	Semivolatiles	12/22/15	12/23/15	12/28/15	DD	Y
BK43847	Silver	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Silver (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Sodium	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Sodium (Dissolved)	12/22/15	12/23/15	12/29/15	LK	Y
BK43847	Thallium , (Dissolved)	12/22/15	12/23/15	12/28/15	RS	Y
BK43847	Thallium - LDL	12/22/15	12/23/15	12/28/15	RS	Y
BK43847	Vanadium	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Vanadium, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43847	Volatiles	12/22/15	12/25/15	12/25/15	MH	Y
BK43847	Zinc	12/22/15	12/28/15	12/29/15	LK	Y
BK43847	Zinc, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Aluminum	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Aluminum (Dissolved)	12/22/15	12/23/15	12/28/15	K	Y
BK43848	Antimony	12/22/15	12/23/15	12/29/15	RS	Y
BK43848	Antimony, (Dissolved)	12/22/15	12/23/15	12/29/15	RS	Y
BK43848	Arsenic - LDL	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Arsenic, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y



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BK43848	Barium	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Barium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Beryllium	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Beryllium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Cadmium	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Cadmium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Calcium	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Calcium (Dissolved)	12/22/15	12/23/15	12/28/15	LK	Y
BK43848	Chromium	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Chromium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Cobalt	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Cobalt, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Copper	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Copper, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Iron	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Iron, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Lead	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Lead (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Magnesium	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Magnesium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Manganese	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Manganese, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Mercury	12/22/15	12/24/15	12/24/15	MA	Y
BK43848	Mercury (Dissolved)	12/22/15	12/28/15	12/28/15	RS	Y
BK43848	Nickel	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Nickel, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Pesticides	12/22/15	12/28/15	12/29/15	CE	Y
BK43848	Polychlorinated Biphenyls	12/22/15	12/23/15	12/24/15	AW	Y
BK43848	Potassium	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Potassium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Selenium	12/22/15	12/23/15	12/29/15	RS	Y
BK43848	Selenium, (Dissolved)	12/22/15	12/23/15	12/28/15	RS	Y
BK43848	Semivolatiles	12/22/15	12/23/15	12/28/15	DD	Y
BK43848	Silver	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Silver (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Sodium	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Sodium (Dissolved)	12/22/15	12/23/15	12/28/15	LK	Y



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BK43848	Thallium , (Dissolved)	12/22/15	12/23/15	12/28/15	RS	Y
BK43848	Thallium - LDL	12/22/15	12/23/15	12/28/15	RS	Y
BK43848	Vanadium	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Vanadium, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43848	Volatiles	12/22/15	12/25/15	12/25/15	MH	Y
BK43848	Zinc	12/22/15	12/23/15	12/29/15	LK	Y
BK43848	Zinc, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Aluminum	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Aluminum (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Antimony	12/22/15	12/23/15	12/29/15	RS	Y
BK43849	Antimony, (Dissolved)	12/22/15	12/23/15	12/29/15	RS	Y
BK43849	Arsenic - LDL	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Arsenic, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Barium	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Barium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Beryllium	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Beryllium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Cadmium	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Cadmium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Calcium	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Calcium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Chromium	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Chromium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Cobalt	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Cobalt, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Copper	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Copper, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Iron	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Iron, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Lead	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Lead (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Magnesium	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Magnesium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Manganese	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Manganese, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Mercury	12/22/15	12/24/15	12/24/15	MA	Y
BK43849	Mercury (Dissolved)	12/22/15	12/28/15	12/28/15	RS	Y



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BK43849	Nickel	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Nickel, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Pesticides	12/22/15	12/28/15	12/29/15	CE	Y
BK43849	Polychlorinated Biphenyls	12/22/15	12/23/15	12/24/15	AW	Y
BK43849	Potassium	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Potassium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Selenium	12/22/15	12/23/15	12/29/15	RS	Y
BK43849	Selenium, (Dissolved)	12/22/15	12/23/15	12/28/15	RS	Y
BK43849	Semivolatiles	12/22/15	12/23/15	12/28/15	DD	Y
BK43849	Silver	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Silver (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Sodium	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Sodium (Dissolved)	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Thallium , (Dissolved)	12/22/15	12/23/15	12/28/15	RS	Y
BK43849	Thallium - LDL	12/22/15	12/23/15	12/28/15	RS	Y
BK43849	Vanadium	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Vanadium, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43849	Volatiles	12/22/15	12/28/15	12/28/15	MH	Y
BK43849	Zinc	12/22/15	12/23/15	12/29/15	LK	Y
BK43849	Zinc, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Aluminum	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Aluminum (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Antimony	12/22/15	12/23/15	12/29/15	RS	Y
BK43850	Antimony, (Dissolved)	12/22/15	12/23/15	12/29/15	RS	Y
BK43850	Arsenic - LDL	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Arsenic, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Barium	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Barium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Beryllium	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Beryllium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Cadmium	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Cadmium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Calcium	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Calcium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Chromium	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Chromium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Cobalt	12/22/15	12/23/15	12/29/15	LK	Y



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BK43850	Cobalt, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Copper	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Copper, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Iron	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Iron, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Lead	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Lead (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Magnesium	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Magnesium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Manganese	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Manganese, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Mercury	12/22/15	12/24/15	12/24/15	MA	Y
BK43850	Mercury (Dissolved)	12/22/15	12/28/15	12/28/15	RS	Y
BK43850	Nickel	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Nickel, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Pesticides	12/22/15	12/28/15	12/29/15	CE	Y
BK43850	Polychlorinated Biphenyls	12/22/15	12/23/15	12/24/15	AW	Y
BK43850	Potassium	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Potassium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Selenium	12/22/15	12/23/15	12/29/15	RS	Y
BK43850	Selenium, (Dissolved)	12/22/15	12/23/15	12/28/15	RS	Y
BK43850	Semivolatiles	12/22/15	12/23/15	12/28/15	DD	Y
BK43850	Silver	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Silver (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Sodium	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Sodium (Dissolved)	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Thallium , (Dissolved)	12/22/15	12/23/15	12/28/15	RS	Y
BK43850	Thallium - LDL	12/22/15	12/23/15	12/28/15	RS	Y
BK43850	Vanadium	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Vanadium, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43850	Volatiles	12/22/15	12/25/15	12/25/15	MH	Y
BK43850	Zinc	12/22/15	12/23/15	12/29/15	LK	Y
BK43850	Zinc, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Aluminum	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Aluminum (Dissolved)	12/22/15	12/23/15	12/30/15	EK	Y
BK43851	Antimony	12/22/15	12/23/15	12/29/15	RS	Y
BK43851	Antimony, (Dissolved)	12/22/15	12/23/15	12/29/15	RS	Y



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BK43851	Arsenic - LDL	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Arsenic, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Barium	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Barium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Beryllium	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Beryllium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Cadmium	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Cadmium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Calcium	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Calcium (Dissolved)	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Chromium	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Chromium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Cobalt	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Cobalt, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Copper	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Copper, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Iron	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Iron, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Lead	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Lead (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Magnesium	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Magnesium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Manganese	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Manganese, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Mercury	12/22/15	12/24/15	12/24/15	MA	Y
BK43851	Mercury (Dissolved)	12/22/15	12/28/15	12/28/15	RS	Y
BK43851	Nickel	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Nickel, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Pesticides	12/22/15	12/28/15	12/29/15	CE	Y
BK43851	Polychlorinated Biphenyls	12/22/15	12/23/15	12/24/15	AW	Y
BK43851	Potassium	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Potassium (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Selenium	12/22/15	12/23/15	12/29/15	RS	Y
BK43851	Selenium, (Dissolved)	12/22/15	12/23/15	12/28/15	RS	Y
BK43851	Semivolatiles	12/22/15	12/23/15	12/28/15	DD	Y
BK43851	Silver	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Silver (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y



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BK43851	Sodium	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Sodium (Dissolved)	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Thallium , (Dissolved)	12/22/15	12/23/15	12/28/15	RS	Y
BK43851	Thallium - LDL	12/22/15	12/23/15	12/28/15	RS	Y
BK43851	Vanadium	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Vanadium, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y
BK43851	Volatiles	12/22/15	12/25/15	12/25/15	MH	Y
BK43851	Zinc	12/22/15	12/23/15	12/29/15	LK	Y
BK43851	Zinc, (Dissolved)	12/22/15	12/23/15	12/29/15	K	Y



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SDG Comments

January 22, 2016

SDG I.D.: GBK43846

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

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.



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Analysis Report

January 22, 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: GS
Received by: SW
Analyzed by: see "By" below

Date

12/22/15

Time

12/23/15 16:24

Laboratory Data

SDG ID: GBK43846
Phoenix ID: BK43846

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: 15 MW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.005	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Aluminum	0.220	N 0.010	0.0024	mg/L	1	12/29/15	LK	SW6010C
Arsenic - LDL	0.009	0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Barium	0.350	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Beryllium	< 0.001	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Calcium	158	0.10	0.030	mg/L	10	12/29/15	LK	SW6010C
Cadmium	< 0.004	0.004	0.0005	mg/L	1	12/29/15	LK	SW6010C
Cobalt	< 0.005	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Chromium	0.001	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Copper	0.002	B 0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Aluminum (Dissolved)	< 0.011	* 0.011	0.0026	mg/L	1	12/29/15	LK	SW6010C
Arsenic, (Dissolved)	0.003	B 0.003	0.001	mg/L	1	12/29/15	K	SW6010C
Barium (Dissolved)	0.243	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Calcium (Dissolved)	157	0.01	0.003	mg/L	1	12/29/15	K	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/29/15	K	SW6010C
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Iron, (Dissolved)	1.63	0.01	0.01	mg/L	1	12/29/15	K	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/28/15	RS	SW7470A
Potassium (Dissolved)	15.4	0.1	0.1	mg/L	1	12/29/15	K	SW6010C
Magnesium (Dissolved)	12.4	0.01	0.001	mg/L	1	12/29/15	K	SW6010C
Manganese, (Dissolved)	0.848	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Sodium (Dissolved)	114	1.1	1.1	mg/L	10	12/28/15	LK	SW6010C
Nickel, (Dissolved)	0.001	B 0.004	0.001	mg/L	1	12/29/15	K	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/29/15	K	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/29/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/28/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Zinc, (Dissolved)	0.002	B 0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Iron	21.2	0.01	0.01	mg/L	1	12/29/15	LK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/24/15	MA	SW7470A
Potassium	15.4	0.1	0.1	mg/L	1	12/29/15	LK	SW6010C
Magnesium	12.7	0.01	0.001	mg/L	1	12/29/15	LK	SW6010C
Manganese	0.882	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Sodium	112	1.0	1.0	mg/L	10	12/29/15	LK	SW6010C
Nickel	0.003	B 0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Lead	0.030	0.002	0.001	mg/L	1	12/29/15	LK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/29/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/29/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium	< 0.010	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Zinc	0.023	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Filtration	Completed					12/23/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/28/15	W/W	SW7470A
Mercury Digestion	Completed					12/24/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/28/15	B	SW3510C
Extraction for Pest (2 Liter)	Completed					12/23/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/23/15	E/I	SW3520C
Dissolved Metals Preparation	Completed					12/23/15	AG	SW3005A
Total Metals Digestion	Completed					12/23/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/29/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/29/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/29/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/29/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/29/15	CE	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	12/29/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	53			%	1	12/29/15	CE	SW8081B
%TCMX (Surrogate Rec)	88			%	1	12/29/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	63			%	1	12/24/15	AW	30 - 150 %
% TCMX	75			%	1	12/24/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/28/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,2-Dichlorobenzene	0.99	J 1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/28/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
1,4-Dichlorobenzene	0.91	J 1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/28/15	MH	SW8260C
2-Isopropyltoluene	7.0	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/28/15	MH	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	12/28/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/28/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/28/15	MH	SW8260C
Benzene	0.28	J 0.70	0.25	ug/L	1	12/28/15	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Chlorobenzene	8.1	5.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	12/28/15	MH	SW8260C
cis-1,2-Dichloroethene	13	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/28/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Ethylbenzene	1.8	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/28/15	MH	SW8260C
Isopropylbenzene	8.5	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
m&p-Xylene	0.90	J 1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/28/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	1.2	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/28/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/28/15	MH	SW8260C
n-Butylbenzene	5.0	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
n-Propylbenzene	6.2	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
o-Xylene	0.39	J 1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
sec-Butylbenzene	15	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
tert-Butylbenzene	6.0	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Tetrachloroethene	0.32	J 1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/28/15	MH	SW8260C
Toluene	1.9	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/28/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/28/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/28/15	MH	SW8260C
Trichloroethene	3.5	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
Vinyl chloride	13	1.0	0.25	ug/L	1	12/28/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	12/28/15	MH	70 - 130 %
% Bromofluorobenzene	107			%	1	12/28/15	MH	70 - 130 %
% Dibromofluoromethane	99			%	1	12/28/15	MH	70 - 130 %
% Toluene-d8	101			%	1	12/28/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/29/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/29/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/29/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/29/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/29/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/29/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/29/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/29/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/29/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	88			%	1	12/29/15	DD	15 - 110 %
% 2-Fluorobiphenyl	79			%	1	12/29/15	DD	30 - 130 %
% 2-Fluorophenol	40			%	1	12/29/15	DD	15 - 110 %
% Nitrobenzene-d5	85			%	1	12/29/15	DD	30 - 130 %
% Phenol-d5	44			%	1	12/29/15	DD	15 - 110 %
% Terphenyl-d14	75			%	1	12/29/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benz(a)anthracene	0.11	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(a)pyrene	0.07	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	0.06	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	0.03	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	0.06	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/28/15	DD	SW8270D (SIM)
Chrysene	0.11	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	0.03	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/28/15	DD	SW8270D (SIM)
Phenanthrene	0.80	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	104			%	1	12/28/15	DD	15 - 110 %
% 2-Fluorobiphenyl	74			%	1	12/28/15	DD	30 - 130 %
% 2-Fluorophenol	44			%	1	12/28/15	DD	15 - 110 %
% Nitrobenzene-d5	91			%	1	12/28/15	DD	30 - 130 %
% Phenol-d5	39			%	1	12/28/15	DD	15 - 110 %
% Terphenyl-d14	72			%	1	12/28/15	DD	30 - 130 %

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

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.

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

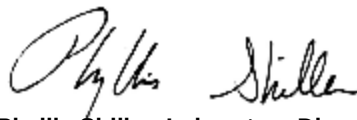
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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.

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

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Phyllis Shiller, Laboratory Director

January 23, 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

January 22, 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: GS
Received by: SW
Analyzed by: see "By" below

Date

12/22/15

Time

16:24

Laboratory Data

SDG ID: GBK43846
Phoenix ID: BK43847

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: 15 MW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.005	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Aluminum	1.02	N 0.010	0.0024	mg/L	1	12/29/15	LK	SW6010C
Arsenic - LDL	0.045	0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Barium	0.460	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Beryllium	< 0.001	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Calcium	170	0.10	0.030	mg/L	10	12/29/15	LK	SW6010C
Cadmium	0.001	B 0.004	0.0005	mg/L	1	12/29/15	LK	SW6010C
Cobalt	0.001	B 0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Chromium	0.003	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Copper	0.040	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Aluminum (Dissolved)	0.37	* 0.11	0.026	mg/L	10	12/29/15	K	SW6010C
Arsenic, (Dissolved)	0.003	B 0.003	0.001	mg/L	1	12/29/15	K	SW6010C
Barium (Dissolved)	0.263	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Calcium (Dissolved)	155	0.01	0.003	mg/L	1	12/29/15	K	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/29/15	K	SW6010C
Cobalt, (Dissolved)	0.002	B 0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Iron, (Dissolved)	2.38	0.01	0.01	mg/L	1	12/29/15	K	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/28/15	RS	SW7470A
Potassium (Dissolved)	31.0	0.1	0.1	mg/L	1	12/29/15	K	SW6010C
Magnesium (Dissolved)	24.6	0.01	0.001	mg/L	1	12/29/15	K	SW6010C
Manganese, (Dissolved)	0.820	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Sodium (Dissolved)	164	1.1	1.1	mg/L	10	12/29/15	LK	SW6010C
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	1	12/29/15	K	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/29/15	K	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/29/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/28/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Zinc, (Dissolved)	0.003	B 0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Iron	34.2	0.01	0.01	mg/L	1	12/29/15	LK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/24/15	MA	SW7470A
Potassium	30.7	0.1	0.1	mg/L	1	12/29/15	LK	SW6010C
Magnesium	24.4	0.01	0.001	mg/L	1	12/29/15	LK	SW6010C
Manganese	0.852	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Sodium	175	1.0	1.0	mg/L	10	12/29/15	LK	SW6010C
Nickel	0.004	B 0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Lead	0.031	0.002	0.001	mg/L	1	12/29/15	LK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/29/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/29/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium	0.003	B 0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Zinc	0.031	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Filtration	Completed					12/23/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/28/15	W/W	SW7470A
Mercury Digestion	Completed					12/24/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/28/15	B	SW3510C
Extraction for Pest (2 Liter)	Completed					12/23/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/23/15	E/I	SW3520C
Dissolved Metals Preparation	Completed					12/23/15	AG	SW3005A
Total Metals Digestion	Completed					12/28/15	T	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/29/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/29/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/29/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/29/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/29/15	CE	SW8081B

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	12/29/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	51			%	1	12/29/15	CE	SW8081B
%TCMX (Surrogate Rec)	84			%	1	12/29/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	65			%	1	12/24/15	AW	30 - 150 %
% TCMX	69			%	1	12/24/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,1-Dichloropropene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,2,3-Trichloropropane	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/L	2	12/25/15	MH	SW8260C
1,2-Dibromoethane	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,2-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,2-Dichloroethane	ND	0.5	0.50	ug/L	2	12/25/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,3-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,3-Dichloropropane	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
1,4-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
2,2-Dichloropropane	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
2-Chlorotoluene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
2-Hexanone	ND	5.0	5.0	ug/L	2	12/25/15	MH	SW8260C
2-Isopropyltoluene	7.3	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
4-Chlorotoluene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	5.0	ug/L	2	12/25/15	MH	SW8260C
Acetone	59	S 10	5.0	ug/L	2	12/25/15	MH	SW8260C
Acrolein	ND	5.0	5.0	ug/L	2	12/25/15	MH	SW8260C
Acrylonitrile	ND	5.0	5.0	ug/L	2	12/25/15	MH	SW8260C
Benzene	ND	0.5	0.50	ug/L	2	12/25/15	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Bromochloromethane	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Bromodichloromethane	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Bromoform	ND	10	0.50	ug/L	2	12/25/15	MH	SW8260C
Bromomethane	ND	5.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Carbon Disulfide	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Carbon tetrachloride	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Chloroethane	56	10	0.50	ug/L	2	12/25/15	MH	SW8260C
Chloroform	ND	7.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Chloromethane	0.67	J 5.0	0.50	ug/L	2	12/25/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.4	0.50	ug/L	2	12/25/15	MH	SW8260C
Dibromochloromethane	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Dibromomethane	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Dichlorodifluoromethane	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Ethylbenzene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Hexachlorobutadiene	ND	0.5	0.40	ug/L	2	12/25/15	MH	SW8260C
Isopropylbenzene	1.7	J 2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
m&p-Xylene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	5.0	ug/L	2	12/25/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	1.6	J 2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Methylene chloride	ND	5.0	2.0	ug/L	2	12/25/15	MH	SW8260C
Naphthalene	ND	2.0	2.0	ug/L	2	12/25/15	MH	SW8260C
n-Butylbenzene	1.5	J 2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
n-Propylbenzene	0.66	J 2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
o-Xylene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
p-Isopropyltoluene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
sec-Butylbenzene	12	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Styrene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
tert-Butylbenzene	6.5	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Tetrachloroethene	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	10	5.0	ug/L	2	12/25/15	MH	SW8260C
Toluene	1.2	J 2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/L	2	12/25/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.4	0.50	ug/L	2	12/25/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	5.0	ug/L	2	12/25/15	MH	SW8260C
Trichloroethene	0.54	J 2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Trichlorofluoromethane	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Trichlorotrifluoroethane	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
Vinyl chloride	ND	2.0	0.50	ug/L	2	12/25/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	2	12/25/15	MH	70 - 130 %
% Bromofluorobenzene	102			%	2	12/25/15	MH	70 - 130 %
% Dibromofluoromethane	96			%	2	12/25/15	MH	70 - 130 %
% Toluene-d8	101			%	2	12/25/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/29/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/29/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/29/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/29/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/29/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/29/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/29/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/29/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/29/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	94			%	1	12/29/15	DD	15 - 110 %
% 2-Fluorobiphenyl	81			%	1	12/29/15	DD	30 - 130 %
% 2-Fluorophenol	33			%	1	12/29/15	DD	15 - 110 %
% Nitrobenzene-d5	16			%	1	12/29/15	DD	30 - 130 %
% Phenol-d5	32			%	1	12/29/15	DD	15 - 110 %
% Terphenyl-d14	73			%	1	12/29/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benz(a)anthracene	0.04	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(a)pyrene	0.03	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	0.03	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	0.02	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/28/15	DD	SW8270D (SIM)
Chrysene	0.04	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/28/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	109			%	1	12/28/15	DD	15 - 110 %
% 2-Fluorobiphenyl	84			%	1	12/28/15	DD	30 - 130 %
% 2-Fluorophenol	34			%	1	12/28/15	DD	15 - 110 %
% Nitrobenzene-d5	75			%	1	12/28/15	DD	30 - 130 %
% Phenol-d5	31			%	1	12/28/15	DD	15 - 110 %
% Terphenyl-d14	89			%	1	12/28/15	DD	30 - 130 %

3

Client ID: 15 MW 2

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

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, a bias is possible.

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:

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.

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.

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.

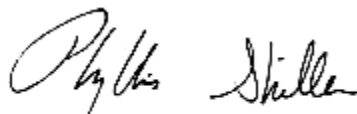
Volatile Comment:

Elevated reporting limits due to the foamy nature of the sample.

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

January 23, 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

January 22, 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: GS
Received by: SW
Analyzed by: see "By" below

Date

12/22/15

Time

12/23/15 16:24

Laboratory Data

SDG ID: GBK43846
Phoenix ID: BK43848

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: 15 MW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.005	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Aluminum	0.282	N 0.010	0.0024	mg/L	1	12/29/15	LK	SW6010C
Arsenic - LDL	0.004	B 0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Barium	0.395	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Beryllium	< 0.001	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Calcium	257	0.10	0.030	mg/L	10	12/29/15	LK	SW6010C
Cadmium	< 0.004	0.004	0.0005	mg/L	1	12/29/15	LK	SW6010C
Cobalt	< 0.005	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Chromium	< 0.001	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Copper	0.003	B 0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Aluminum (Dissolved)	0.73	* 0.11	0.026	mg/L	10	12/28/15	K	SW6010C
Arsenic, (Dissolved)	0.001	B 0.003	0.001	mg/L	1	12/29/15	K	SW6010C
Barium (Dissolved)	0.324	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Calcium (Dissolved)	232	0.11	0.032	mg/L	10	12/28/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/29/15	K	SW6010C
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Iron, (Dissolved)	0.03	0.01	0.01	mg/L	1	12/29/15	K	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/28/15	RS	SW7470A
Potassium (Dissolved)	27.4	0.1	0.1	mg/L	1	12/29/15	K	SW6010C
Magnesium (Dissolved)	19.6	0.01	0.001	mg/L	1	12/29/15	K	SW6010C
Manganese, (Dissolved)	1.21	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Sodium (Dissolved)	203	1.1	1.1	mg/L	10	12/28/15	LK	SW6010C
Nickel, (Dissolved)	< 0.004	0.004	0.001	mg/L	1	12/29/15	K	SW6010C
Lead (Dissolved)	0.001	B 0.002	0.001	mg/L	1	12/29/15	K	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/29/15	RS	SW7010
Selenium, (Dissolved)	0.003	B 0.004	0.002	mg/L	1	12/28/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Zinc, (Dissolved)	0.009	B 0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Iron	5.87	0.01	0.01	mg/L	1	12/29/15	LK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/24/15	MA	SW7470A
Potassium	28.1	0.1	0.1	mg/L	1	12/29/15	LK	SW6010C
Magnesium	19.6	0.01	0.001	mg/L	1	12/29/15	LK	SW6010C
Manganese	1.21	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Sodium	212	1.0	1.0	mg/L	10	12/29/15	LK	SW6010C
Nickel	0.003	B 0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Lead	0.022	0.002	0.001	mg/L	1	12/29/15	LK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/29/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/29/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium	0.002	B 0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Zinc	0.059	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Filtration	Completed					12/23/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/28/15	W/W	SW7470A
Mercury Digestion	Completed					12/24/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/28/15	B	SW3510C
Extraction for Pest (2 Liter)	Completed					12/23/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/23/15	E/I	SW3520C
Dissolved Metals Preparation	Completed					12/23/15	AG	SW3005A
Total Metals Digestion	Completed					12/23/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/29/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/29/15	CE	SW8081B
b-BHC	ND	0.020	0.020	ug/L	1	12/29/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/29/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/29/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/29/15	CE	SW8081B

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	12/29/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	58			%	1	12/29/15	CE	SW8081B
%TCMX (Surrogate Rec)	89			%	1	12/29/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	52			%	1	12/24/15	AW	30 - 150 %
% TCMX	69			%	1	12/24/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/25/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/25/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/25/15	MH	SW8260C
Acetone	4.5	JS 5.0	2.5	ug/L	1	12/25/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/25/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/25/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/25/15	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Chloromethane	0.46	J 5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/25/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/25/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Methyl ethyl ketone	4.5	2.5	2.5	ug/L	1	12/25/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	2.2	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/25/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/25/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
sec-Butylbenzene	0.88	J 1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
tert-Butylbenzene	1.8	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/25/15	MH	SW8260C
Toluene	1.9	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/25/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/25/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	12/25/15	MH	70 - 130 %
% Bromofluorobenzene	111			%	1	12/25/15	MH	70 - 130 %
% Dibromofluoromethane	99			%	1	12/25/15	MH	70 - 130 %
% Toluene-d8	100			%	1	12/25/15	MH	70 - 130 %
Client MS/MSD	Completed					12/28/15		

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/29/15	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	12/29/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/29/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/29/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/29/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/29/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/29/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/29/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/29/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/29/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/29/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	102			%	1	12/29/15	DD	15 - 110 %
% 2-Fluorobiphenyl	84			%	1	12/29/15	DD	30 - 130 %
% 2-Fluorophenol	56			%	1	12/29/15	DD	15 - 110 %
% Nitrobenzene-d5	102			%	1	12/29/15	DD	30 - 130 %
% Phenol-d5	65			%	1	12/29/15	DD	15 - 110 %
% Terphenyl-d14	90			%	1	12/29/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benz(a)anthracene	0.11	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(a)pyrene	0.08	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	0.07	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	0.04	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	0.06	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/28/15	DD	SW8270D (SIM)
Chrysene	0.10	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	0.04	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/28/15	DD	SW8270D (SIM)
Phenanthrene	0.97	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	119			%	1	12/28/15	DD	15 - 110 %
% 2-Fluorobiphenyl	80			%	1	12/28/15	DD	30 - 130 %
% 2-Fluorophenol	54			%	1	12/28/15	DD	15 - 110 %
% Nitrobenzene-d5	91			%	1	12/28/15	DD	30 - 130 %
% Phenol-d5	63			%	1	12/28/15	DD	15 - 110 %
% Terphenyl-d14	99			%	1	12/28/15	DD	30 - 130 %

Client ID: 15 MW 3

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

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, a bias is possible.

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:

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.

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.

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.

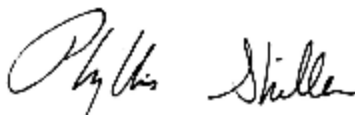
Semi-Volatile Comment:

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

January 23, 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

January 22, 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: GS
Received by: SW
Analyzed by: see "By" below

Date

12/22/15

Time

16:24

Laboratory Data

SDG ID: GBK43846
Phoenix ID: BK43849

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: 15 MW 4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.005	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Aluminum	1.28	N 0.010	0.0024	mg/L	1	12/29/15	LK	SW6010C
Arsenic - LDL	0.070	0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Barium	0.426	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Beryllium	< 0.001	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Calcium	162	0.10	0.030	mg/L	10	12/29/15	LK	SW6010C
Cadmium	< 0.004	0.004	0.0005	mg/L	1	12/29/15	LK	SW6010C
Cobalt	0.002	B 0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Chromium	0.005	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Copper	0.030	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Aluminum (Dissolved)	0.45	* 0.11	0.026	mg/L	10	12/29/15	K	SW6010C
Arsenic, (Dissolved)	0.005	0.003	0.001	mg/L	1	12/29/15	K	SW6010C
Barium (Dissolved)	0.287	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Calcium (Dissolved)	150	0.01	0.003	mg/L	1	12/29/15	K	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/29/15	K	SW6010C
Cobalt, (Dissolved)	0.002	B 0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Iron, (Dissolved)	1.26	0.01	0.01	mg/L	1	12/29/15	K	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/28/15	RS	SW7470A
Potassium (Dissolved)	32.9	0.1	0.1	mg/L	1	12/29/15	K	SW6010C
Magnesium (Dissolved)	25.6	0.01	0.001	mg/L	1	12/29/15	K	SW6010C
Manganese, (Dissolved)	1.27	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Sodium (Dissolved)	148	1.1	1.1	mg/L	10	12/29/15	LK	SW6010C
Nickel, (Dissolved)	0.003	B 0.004	0.001	mg/L	1	12/29/15	K	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/29/15	K	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	0.003	B 0.003	0.003	mg/L	1	12/29/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/28/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Zinc, (Dissolved)	0.013	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Iron	28.5	0.01	0.01	mg/L	1	12/29/15	LK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/24/15	MA	SW7470A
Potassium	33.3	0.1	0.1	mg/L	1	12/29/15	LK	SW6010C
Magnesium	26.8	0.01	0.001	mg/L	1	12/29/15	LK	SW6010C
Manganese	1.44	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Sodium	145	1.0	1.0	mg/L	10	12/29/15	LK	SW6010C
Nickel	0.008	0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Lead	0.062	0.002	0.001	mg/L	1	12/29/15	LK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/29/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/29/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium	0.003	B 0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Zinc	0.073	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Filtration	Completed					12/23/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/28/15	W/W	SW7470A
Mercury Digestion	Completed					12/24/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/28/15	B	SW3510C
Extraction for Pest (2 Liter)	Completed					12/23/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/23/15	E/I	SW3520C
Dissolved Metals Preparation	Completed					12/23/15	AG	SW3005A
Total Metals Digestion	Completed					12/23/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	0.014	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/29/15	CE	SW8081B
Aldrin	ND	0.003	0.003	ug/L	1	12/29/15	CE	SW8081B
b-BHC	ND	0.015	0.015	ug/L	1	12/29/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/29/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
Dieldrin	ND	0.004	0.004	ug/L	1	12/29/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/29/15	CE	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.25	0.25	ug/L	1	12/29/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	43			%	1	12/29/15	CE	SW8081B
%TCMX (Surrogate Rec)	77			%	1	12/29/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	60			%	1	12/24/15	AW	30 - 150 %
% TCMX	72			%	1	12/24/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,1-Dichloropropene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2,3-Trichloropropane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/L	2	12/28/15	MH	SW8260C
1,2-Dibromoethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2-Dichloroethane	ND	0.5	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,3-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,3-Dichloropropane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,4-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
2,2-Dichloropropane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
2-Chlorotoluene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
2-Hexanone	ND	5.0	5.0	ug/L	2	12/28/15	MH	SW8260C
2-Isopropyltoluene	28	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
4-Chlorotoluene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	5.0	ug/L	2	12/28/15	MH	SW8260C
Acetone	7.8	JS 10	5.0	ug/L	2	12/28/15	MH	SW8260C
Acrolein	ND	5.0	5.0	ug/L	2	12/28/15	MH	SW8260C
Acrylonitrile	ND	5.0	5.0	ug/L	2	12/28/15	MH	SW8260C
Benzene	ND	0.5	0.50	ug/L	2	12/28/15	MH	SW8260C

Client ID: 15 MW 4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Bromochloromethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Bromodichloromethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Bromoform	ND	10	0.50	ug/L	2	12/28/15	MH	SW8260C
Bromomethane	ND	5.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Carbon Disulfide	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Carbon tetrachloride	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Chloroethane	130	D 25	1.3	ug/L	5	12/28/15	MH	SW8260C
Chloroform	ND	7.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Chloromethane	ND	5.0	0.50	ug/L	2	12/28/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.4	0.50	ug/L	2	12/28/15	MH	SW8260C
Dibromochloromethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Dibromomethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Dichlorodifluoromethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Ethylbenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Hexachlorobutadiene	ND	0.5	0.40	ug/L	2	12/28/15	MH	SW8260C
Isopropylbenzene	6.8	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
m&p-Xylene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	5.0	ug/L	2	12/28/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	0.92	J 2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Methylene chloride	ND	5.0	2.0	ug/L	2	12/28/15	MH	SW8260C
Naphthalene	ND	2.0	2.0	ug/L	2	12/28/15	MH	SW8260C
n-Butylbenzene	5.4	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
n-Propylbenzene	2.8	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
o-Xylene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
p-Isopropyltoluene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
sec-Butylbenzene	36	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Styrene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
tert-Butylbenzene	15	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Tetrachloroethene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	10	5.0	ug/L	2	12/28/15	MH	SW8260C
Toluene	2.0	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/L	2	12/28/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.4	0.50	ug/L	2	12/28/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	5.0	ug/L	2	12/28/15	MH	SW8260C
Trichloroethene	1.2	J 2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Trichlorofluoromethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Trichlorotrifluoroethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Vinyl chloride	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	2	12/28/15	MH	70 - 130 %
% Bromofluorobenzene	109			%	2	12/28/15	MH	70 - 130 %
% Dibromofluoromethane	99			%	2	12/28/15	MH	70 - 130 %
% Toluene-d8	101			%	2	12/28/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.3	1.6	ug/L	1	12/29/15	D/P	SW8270D
1,2-Dichlorobenzene	ND	1.1	1.1	ug/L	1	12/29/15	D/P	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.3	1.7	ug/L	1	12/29/15	D/P	SW8270D
1,3-Dichlorobenzene	ND	1.1	1.1	ug/L	1	12/29/15	D/P	SW8270D
1,4-Dichlorobenzene	ND	1.1	1.1	ug/L	1	12/29/15	D/P	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	D/P	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	D/P	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	D/P	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/29/15	D/P	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	D/P	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.1	ug/L	1	12/29/15	D/P	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.7	ug/L	1	12/29/15	D/P	SW8270D
2-Chloronaphthalene	ND	5.3	1.5	ug/L	1	12/29/15	D/P	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	D/P	SW8270D
2-Methylnaphthalene	ND	5.3	1.6	ug/L	1	12/29/15	D/P	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	D/P	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	D/P	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	D/P	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.1	1.1	ug/L	1	12/29/15	D/P	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.5	ug/L	1	12/29/15	D/P	SW8270D
3-Nitroaniline	ND	5.0	5.3	ug/L	1	12/29/15	D/P	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	D/P	SW8270D
4-Bromophenyl phenyl ether	ND	5.3	1.5	ug/L	1	12/29/15	D/P	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	D/P	SW8270D
4-Chloroaniline	ND	3.7	2.5	ug/L	1	12/29/15	D/P	SW8270D
4-Chlorophenyl phenyl ether	ND	5.3	1.8	ug/L	1	12/29/15	D/P	SW8270D
4-Nitroaniline	ND	5.0	1.8	ug/L	1	12/29/15	D/P	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	D/P	SW8270D
Acenaphthene	2.8	J 5.3	1.6	ug/L	1	12/29/15	D/P	SW8270D
Acetophenone	ND	5.3	1.6	ug/L	1	12/29/15	D/P	SW8270D
Aniline	ND	3.7	5.3	ug/L	1	12/29/15	D/P	SW8270D
Anthracene	ND	5.3	1.7	ug/L	1	12/29/15	D/P	SW8270D
Benzidine	ND	4.7	3.1	ug/L	1	12/29/15	D/P	SW8270D
Benzoic acid	ND	26	11	ug/L	1	12/29/15	D/P	SW8270D
Benzyl butyl phthalate	ND	5.3	1.4	ug/L	1	12/29/15	D/P	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.5	ug/L	1	12/29/15	D/P	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/29/15	D/P	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.3	1.5	ug/L	1	12/29/15	D/P	SW8270D
Carbazole	ND	26	4.0	ug/L	1	12/29/15	D/P	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/29/15	D/P	SW8270D
Diethyl phthalate	ND	5.3	1.7	ug/L	1	12/29/15	D/P	SW8270D
Dimethylphthalate	ND	5.3	1.6	ug/L	1	12/29/15	D/P	SW8270D
Di-n-butylphthalate	ND	5.3	1.4	ug/L	1	12/29/15	D/P	SW8270D
Di-n-octylphthalate	ND	5.3	1.4	ug/L	1	12/29/15	D/P	SW8270D
Fluoranthene	1.8	J 5.3	1.7	ug/L	1	12/29/15	D/P	SW8270D
Fluorene	ND	5.3	1.7	ug/L	1	12/29/15	D/P	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.6	ug/L	1	12/29/15	D/P	SW8270D
Isophorone	ND	5.3	1.5	ug/L	1	12/29/15	D/P	SW8270D
Naphthalene	ND	5.0	1.5	ug/L	1	12/29/15	D/P	SW8270D
N-Nitrosodimethylamine	ND	1.1	1.1	ug/L	1	12/29/15	D/P	SW8270D
N-Nitrosodi-n-propylamine	ND	5.3	1.7	ug/L	1	12/29/15	D/P	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodiphenylamine	ND	5.3	2.0	ug/L	1	12/29/15	D/P	SW8270D	
Phenol	ND	1.0	1.0	ug/L	1	12/29/15	D/P	SW8270D	
Pyrene	2.1	J 5.3	1.8	ug/L	1	12/29/15	D/P	SW8270D	
Pyridine	ND	11	1.3	ug/L	1	12/29/15	D/P	SW8270D	
<u>QA/QC Surrogates</u>									
% 2,4,6-Tribromophenol	113			%	1	12/29/15	D/P	15 - 110 %	3
% 2-Fluorobiphenyl	82			%	1	12/29/15	D/P	30 - 130 %	
% 2-Fluorophenol	74			%	1	12/29/15	D/P	15 - 110 %	
% Nitrobenzene-d5	167			%	1	12/29/15	D/P	30 - 130 %	3
% Phenol-d5	90			%	1	12/29/15	D/P	15 - 110 %	
% Terphenyl-d14	79			%	1	12/29/15	D/P	30 - 130 %	
<u>Semivolatiles</u>									
1,2,4,5-Tetrachlorobenzene	ND	0.53	0.53	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Acenaphthylene	0.25	0.11	0.11	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Benz(a)anthracene	0.58	0.02	0.02	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Benzo(a)pyrene	0.57	0.02	0.02	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Benzo(b)fluoranthene	0.44	0.02	0.02	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Benzo(ghi)perylene	0.26	0.02	0.02	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Benzo(k)fluoranthene	0.40	0.02	0.02	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Bis(2-ethylhexyl)phthalate	ND	1.1	1.1	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Chrysene	0.54	0.02	0.02	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Dibenz(a,h)anthracene	0.06	0.02	0.02	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Hexachlorobutadiene	ND	0.42	0.42	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Hexachloroethane	ND	0.53	0.53	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	0.21	0.02	0.02	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Nitrobenzene	ND	0.11	0.11	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Pentachloronitrobenzene	ND	0.11	0.11	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Pentachlorophenol	ND	0.84	0.84	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
Phenanthrene	2.1	0.11	0.11	ug/L	1	12/28/15	D/P	SW8270D (SIM)	
<u>QA/QC Surrogates</u>									
% 2,4,6-Tribromophenol	117			%	1	12/28/15	D/P	15 - 110 %	3
% 2-Fluorobiphenyl	85			%	1	12/28/15	D/P	30 - 130 %	
% 2-Fluorophenol	66			%	1	12/28/15	D/P	15 - 110 %	
% Nitrobenzene-d5	101			%	1	12/28/15	D/P	30 - 130 %	
% Phenol-d5	67			%	1	12/28/15	D/P	15 - 110 %	
% Terphenyl-d14	106			%	1	12/28/15	D/P	30 - 130 %	

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

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, a bias is possible.

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:

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.

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.

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.

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.

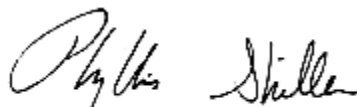
Pesticide Comment:

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.

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

January 23, 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

January 22, 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: GS
Received by: SW
Analyzed by: see "By" below

Date

12/22/15

Time

16:24

Laboratory Data

SDG ID: GBK43846
Phoenix ID: BK43850

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: 15 MW 5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.005	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Aluminum	0.131	N 0.010	0.0024	mg/L	1	12/29/15	LK	SW6010C
Arsenic - LDL	0.162	0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Barium	0.357	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Beryllium	< 0.001	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Calcium	136	0.010	0.003	mg/L	1	12/29/15	LK	SW6010C
Cadmium	< 0.004	0.004	0.0005	mg/L	1	12/29/15	LK	SW6010C
Cobalt	0.003	B 0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Chromium	< 0.001	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Copper	< 0.005	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Aluminum (Dissolved)	0.90	* 0.11	0.026	mg/L	10	12/29/15	K	SW6010C
Arsenic, (Dissolved)	0.024	0.003	0.001	mg/L	1	12/29/15	K	SW6010C
Barium (Dissolved)	0.197	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Calcium (Dissolved)	128	0.01	0.003	mg/L	1	12/29/15	K	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/29/15	K	SW6010C
Cobalt, (Dissolved)	0.002	B 0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Iron, (Dissolved)	2.24	0.01	0.01	mg/L	1	12/29/15	K	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/28/15	RS	SW7470A
Potassium (Dissolved)	28.6	0.1	0.1	mg/L	1	12/29/15	K	SW6010C
Magnesium (Dissolved)	22.6	0.01	0.001	mg/L	1	12/29/15	K	SW6010C
Manganese, (Dissolved)	0.529	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Sodium (Dissolved)	131	1.1	1.1	mg/L	10	12/29/15	LK	SW6010C
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	1	12/29/15	K	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/29/15	K	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/29/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/28/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Zinc, (Dissolved)	0.002	B 0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Iron	25.2	0.01	0.01	mg/L	1	12/29/15	LK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/24/15	MA	SW7470A
Potassium	28.9	0.1	0.1	mg/L	1	12/29/15	LK	SW6010C
Magnesium	23.3	0.01	0.001	mg/L	1	12/29/15	LK	SW6010C
Manganese	0.570	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Sodium	142	1.0	1.0	mg/L	10	12/29/15	LK	SW6010C
Nickel	0.005	0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Lead	0.008	0.002	0.001	mg/L	1	12/29/15	LK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/29/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/29/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium	0.001	B 0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Zinc	0.007	B 0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Filtration	Completed					12/23/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/28/15	W/W	SW7470A
Mercury Digestion	Completed					12/24/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/28/15	B	SW3510C
Extraction for Pest (2 Liter)	Completed					12/23/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/23/15	E/I	SW3520C
Dissolved Metals Preparation	Completed					12/23/15	AG	SW3005A
Total Metals Digestion	Completed					12/23/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/29/15	CE	SW8081B
Aldrin	ND	0.003	0.003	ug/L	1	12/29/15	CE	SW8081B
b-BHC	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/29/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/29/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/29/15	CE	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	12/29/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	48			%	1	12/29/15	CE	SW8081B
%TCMX (Surrogate Rec)	79			%	1	12/29/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	47			%	1	12/24/15	AW	30 - 150 %
% TCMX	74			%	1	12/24/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
1,1,1-Trichloroethane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
1,1,2-Trichloroethane	ND	1.0	1.0	ug/L	5	12/25/15	M/P	SW8260C
1,1-Dichloroethane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
1,2,3-Trichloropropane	ND	1.0	1.0	ug/L	5	12/25/15	M/P	SW8260C
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.5	2.5	ug/L	5	12/25/15	M/P	SW8260C
1,2-Dibromoethane	ND	1.0	1.0	ug/L	5	12/25/15	M/P	SW8260C
1,2-Dichlorobenzene	ND	2.5	1.3	ug/L	5	12/25/15	M/P	SW8260C
1,2-Dichloroethane	ND	1.0	1.0	ug/L	5	12/25/15	M/P	SW8260C
1,2-Dichloropropane	ND	1.0	1.0	ug/L	5	12/25/15	M/P	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
1,3-Dichlorobenzene	ND	2.5	1.3	ug/L	5	12/25/15	M/P	SW8260C
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
2-Hexanone	ND	13	13	ug/L	5	12/25/15	M/P	SW8260C
2-Isopropyltoluene	17	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
4-Methyl-2-pentanone	ND	13	13	ug/L	5	12/25/15	M/P	SW8260C
Acetone	ND	25	13	ug/L	5	12/25/15	M/P	SW8260C
Acrolein	ND	13	13	ug/L	5	12/25/15	M/P	SW8260C
Acrylonitrile	ND	5.0	13	ug/L	5	12/25/15	M/P	SW8260C
Benzene	ND	1.0	1.0	ug/L	5	12/25/15	M/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Bromochloromethane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Bromodichloromethane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Bromoform	ND	25	1.3	ug/L	5	12/25/15	M/P	SW8260C
Bromomethane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Carbon Disulfide	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Carbon tetrachloride	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Chlorobenzene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Chloroethane	23	J 25	1.3	ug/L	5	12/25/15	M/P	SW8260C
Chloroform	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Chloromethane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
cis-1,2-Dichloroethene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
cis-1,3-Dichloropropene	ND	1.0	1.0	ug/L	5	12/25/15	M/P	SW8260C
Dibromochloromethane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Dibromomethane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Dichlorodifluoromethane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Ethylbenzene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Hexachlorobutadiene	ND	1.0	1.0	ug/L	5	12/25/15	M/P	SW8260C
Isopropylbenzene	25	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
m&p-Xylene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Methyl ethyl ketone	ND	13	13	ug/L	5	12/25/15	M/P	SW8260C
Methyl t-butyl ether (MTBE)	3.7	J 5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Methylene chloride	ND	5.0	5.0	ug/L	5	12/25/15	M/P	SW8260C
Naphthalene	ND	5.0	5.0	ug/L	5	12/25/15	M/P	SW8260C
n-Butylbenzene	3.8	J 5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
n-Propylbenzene	23	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
o-Xylene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
p-Isopropyltoluene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
sec-Butylbenzene	35	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Styrene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
tert-Butylbenzene	12	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Tetrachloroethene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Tetrahydrofuran (THF)	ND	25	13	ug/L	5	12/25/15	M/P	SW8260C
Toluene	1.6	J 5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
trans-1,2-Dichloroethene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
trans-1,3-Dichloropropene	ND	1.0	1.0	ug/L	5	12/25/15	M/P	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	5.0	ug/L	5	12/25/15	M/P	SW8260C
Trichloroethene	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Trichlorofluoromethane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Trichlorotrifluoroethane	ND	5.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
Vinyl chloride	ND	2.0	1.3	ug/L	5	12/25/15	M/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	5	12/25/15	M/P	70 - 130 %
% Bromofluorobenzene	105			%	5	12/25/15	M/P	70 - 130 %
% Dibromofluoromethane	99			%	5	12/25/15	M/P	70 - 130 %
% Toluene-d8	100			%	5	12/25/15	M/P	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/29/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/29/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/29/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/29/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/29/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/29/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/29/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/29/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/29/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	113			%	1	12/29/15	DD	15 - 110 %
% 2-Fluorobiphenyl	84			%	1	12/29/15	DD	30 - 130 %
% 2-Fluorophenol	78			%	1	12/29/15	DD	15 - 110 %
% Nitrobenzene-d5	117			%	1	12/29/15	DD	30 - 130 %
% Phenol-d5	85			%	1	12/29/15	DD	15 - 110 %
% Terphenyl-d14	84			%	1	12/29/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benz(a)anthracene	0.03	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/28/15	DD	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/28/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	128			%	1	12/28/15	DD	15 - 110 %
% 2-Fluorobiphenyl	83			%	1	12/28/15	DD	30 - 130 %
% 2-Fluorophenol	69			%	1	12/28/15	DD	15 - 110 %
% Nitrobenzene-d5	96			%	1	12/28/15	DD	30 - 130 %
% Phenol-d5	80			%	1	12/28/15	DD	15 - 110 %
% Terphenyl-d14	100			%	1	12/28/15	DD	30 - 130 %

Client ID: 15 MW 5

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

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, a bias is possible.

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:

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.

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.

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.

Semi-Volatile Comment:

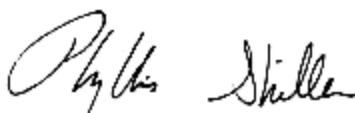
One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

Volatile Comment:

Due to the presence of a large amount of non-target petroleum material, this sample required a dilution. 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

January 23, 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

January 22, 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: GS
Received by: SW
Analyzed by: see "By" below

Date

12/22/15

Time

16:24

Laboratory Data

SDG ID: GBK43846
Phoenix ID: BK43851

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: GW DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.005	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Aluminum	0.235	N 0.010	0.0024	mg/L	1	12/29/15	LK	SW6010C
Arsenic - LDL	0.005	0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Barium	0.398	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Beryllium	< 0.001	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Calcium	268	0.10	0.030	mg/L	10	12/29/15	LK	SW6010C
Cadmium	< 0.004	0.004	0.0005	mg/L	1	12/29/15	LK	SW6010C
Cobalt	< 0.005	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Chromium	< 0.001	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Copper	0.002	B 0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Aluminum (Dissolved)	< 0.011	* 0.011	0.0026	mg/L	1	12/30/15	EK	SW6010C
Arsenic, (Dissolved)	0.001	B 0.003	0.001	mg/L	1	12/29/15	K	SW6010C
Barium (Dissolved)	0.327	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Calcium (Dissolved)	250	0.11	0.032	mg/L	10	12/29/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/29/15	K	SW6010C
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Iron, (Dissolved)	0.03	0.01	0.01	mg/L	1	12/29/15	K	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/28/15	RS	SW7470A
Potassium (Dissolved)	28.7	0.1	0.1	mg/L	1	12/29/15	K	SW6010C
Magnesium (Dissolved)	19.3	0.01	0.001	mg/L	1	12/29/15	K	SW6010C
Manganese, (Dissolved)	1.18	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Sodium (Dissolved)	211	1.1	1.1	mg/L	10	12/29/15	LK	SW6010C
Nickel, (Dissolved)	< 0.004	0.004	0.001	mg/L	1	12/29/15	K	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/29/15	K	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/29/15	RS	SW7010
Selenium, (Dissolved)	0.003	B 0.004	0.002	mg/L	1	12/28/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Zinc, (Dissolved)	0.009	B 0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Iron	5.98	0.01	0.01	mg/L	1	12/29/15	LK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/24/15	MA	SW7470A
Potassium	28.4	0.1	0.1	mg/L	1	12/29/15	LK	SW6010C
Magnesium	19.8	0.01	0.001	mg/L	1	12/29/15	LK	SW6010C
Manganese	1.22	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Sodium	230	1.0	1.0	mg/L	10	12/29/15	LK	SW6010C
Nickel	0.002	B 0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Lead	0.019	0.002	0.001	mg/L	1	12/29/15	LK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/29/15	RS	SW7010
Selenium	0.001	B 0.002	0.001	mg/L	1	12/29/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium	< 0.010	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Zinc	0.055	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Filtration	Completed					12/23/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/28/15	W/W	SW7470A
Mercury Digestion	Completed					12/24/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/28/15	B	SW3510C
Extraction for Pest (2 Liter)	Completed					12/23/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/23/15	E/I	SW3520C
Dissolved Metals Preparation	Completed					12/23/15	AG	SW3005A
Total Metals Digestion	Completed					12/23/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/29/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/29/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/29/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/29/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/29/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/29/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/29/15	CE	SW8081B

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Client ID: GW DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	12/29/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	61			%	1	12/29/15	CE	SW8081B
%TCMX (Surrogate Rec)	84			%	1	12/29/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	66			%	1	12/24/15	AW	30 - 150 %
% TCMX	79			%	1	12/24/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/25/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/25/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/25/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/25/15	MH	SW8260C
Acetone	3.0	JS 5.0	2.5	ug/L	1	12/25/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/25/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/25/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/25/15	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Chloromethane	0.31	J 5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/25/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/25/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Methyl ethyl ketone	2.7	2.5	2.5	ug/L	1	12/25/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	2.1	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/25/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/25/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
sec-Butylbenzene	0.69	J 1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
tert-Butylbenzene	1.6	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/25/15	MH	SW8260C
Toluene	1.4	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/25/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/25/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/25/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/25/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	12/25/15	MH	70 - 130 %
% Bromofluorobenzene	108			%	1	12/25/15	MH	70 - 130 %
% Dibromofluoromethane	97			%	1	12/25/15	MH	70 - 130 %
% Toluene-d8	100			%	1	12/25/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	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	12/29/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/29/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/29/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/29/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/29/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/29/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/29/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/29/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/29/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/29/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	106			%	1	12/29/15	DD	15 - 110 %
% 2-Fluorobiphenyl	79			%	1	12/29/15	DD	30 - 130 %
% 2-Fluorophenol	53			%	1	12/29/15	DD	15 - 110 %
% Nitrobenzene-d5	85			%	1	12/29/15	DD	30 - 130 %
% Phenol-d5	68			%	1	12/29/15	DD	15 - 110 %
% Terphenyl-d14	92			%	1	12/29/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benz(a)anthracene	0.08	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(a)pyrene	0.05	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	0.04	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	0.03	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	0.04	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/28/15	DD	SW8270D (SIM)
Chrysene	0.06	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	0.02	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/28/15	DD	SW8270D (SIM)
Phenanthrene	1.0	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	131			%	1	12/28/15	DD	15 - 110 %
% 2-Fluorobiphenyl	79			%	1	12/28/15	DD	30 - 130 %
% 2-Fluorophenol	70			%	1	12/28/15	DD	15 - 110 %
% Nitrobenzene-d5	75			%	1	12/28/15	DD	30 - 130 %
% Phenol-d5	75			%	1	12/28/15	DD	15 - 110 %
% Terphenyl-d14	99			%	1	12/28/15	DD	30 - 130 %

Client ID: GW DUPLICATE

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

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, a bias is possible.

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:

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.

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.

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.

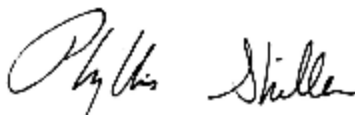
Semi-Volatile Comment:

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

January 23, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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QA/QC Report

January 23, 2016

QA/QC Data

SDG I.D.: GBK43846

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 330554 (mg/L), QC Sample No: BK43568 (BK43846, BK43847, BK43848, BK43849, BK43850, BK43851)

Mercury - Water	BRL	0.0002	<0.008	<0.0002	NC	93.4	91.9	1.6	87.0	89.4	2.7	75 - 125	20

QA/QC Batch 330534 (mg/L), QC Sample No: BK43848 (BK43846, BK43847, BK43848, BK43849, BK43850, BK43851)

ICP Metals - Aqueous

Aluminum	BRL	0.010	0.73	0.302	82.9	95.1	96.1	1.0	>130	>130	NC	80 - 120	20	m,r
Arsenic	BRL	0.004	0.001	0.004	NC	96.6	96.3	0.3	101	103	2.0	80 - 120	20	
Barium	BRL	0.002	0.324	0.393	19.2	104	104	0.0	97.4	97.2	0.2	80 - 120	20	
Beryllium	BRL	0.001	<0.001	<0.001	NC	103	103	0.0	104	106	1.9	80 - 120	20	
Cadmium	BRL	0.001	<0.004	<0.001	NC	98.8	99.1	0.3	94.1	96.1	2.1	80 - 120	20	
Calcium	BRL	0.010	257	238	7.70	99.5	98.3	1.2	NC	NC	NC	80 - 120	20	
Chromium	BRL	0.001	<0.001	<0.001	NC	98.6	98.9	0.3	96.4	98.6	2.3	80 - 120	20	
Cobalt	BRL	0.002	<0.005	<0.002	NC	102	102	0.0	97.1	99.3	2.2	80 - 120	20	
Copper	BRL	0.005	<0.005	0.003	NC	99.4	98.6	0.8	101	102	1.0	80 - 120	20	
Iron	BRL	0.010	0.03	5.90	NC	101	102	1.0	NC	NC	NC	80 - 120	20	
Lead	BRL	0.002	0.001	0.023	NC	98.3	99.3	1.0	93.9	96.0	2.2	80 - 120	20	
Magnesium	BRL	0.01	19.6	19.6	0	99.5	100	0.5	NC	NC	NC	80 - 120	20	
Manganese	BRL	0.001	1.21	1.21	0	100	100	0.0	97.2	98.4	1.2	80 - 120	20	
Nickel	0.001	0.001	0.003	0.002	NC	98.5	98.8	0.3	92.8	95.0	2.3	80 - 120	20	
Potassium	BRL	0.1	28.1	28.1	0	102	102	0.0	NC	NC	NC	80 - 120	20	
Silver	BRL	0.001	<0.005	<0.001	NC	98.4	97.9	0.5	102	104	1.9	70 - 130	30	
Sodium	BRL	0.1	203	206	1.50	104	105	1.0	NC	NC	NC	80 - 120	20	
Vanadium	BRL	0.002	<0.011	<0.002	NC	100	99.2	0.8	101	103	2.0	80 - 120	20	
Zinc	BRL	0.002	0.009	0.059	NC	97.8	98.1	0.3	99.4	101	1.6	80 - 120	20	

QA/QC Batch 330537 (mg/L), QC Sample No: BK43848 (BK43846, BK43847, BK43848, BK43849, BK43850, BK43851)

ICP Metals - Dissolved

Aluminum	BRL	0.011	0.73	0.14	136	87.0	89.0	2.3	96.4	94.8	1.7	80 - 120	20	r
Arsenic	BRL	0.004	0.004	<0.004	NC	88.1	91.3	3.6	98.4	98.3	0.1	80 - 120	20	
Barium	BRL	0.002	0.395	0.323	20.1	95.4	97.9	2.6	97.6	97.2	0.4	80 - 120	20	
Beryllium	BRL	0.001	<0.001	<0.001	NC	93.7	95.1	1.5	99.5	99.8	0.3	80 - 120	20	
Cadmium	BRL	0.001	<0.004	<0.001	NC	88.5	91.7	3.6	90.6	90.6	0.0	80 - 120	20	
Calcium	BRL	0.01	257	242	6.00	89.6	91.2	1.8	NC	NC	NC	80 - 120	20	
Chromium	BRL	0.001	<0.001	<0.001	NC	89.1	91.6	2.8	92.7	93.0	0.3	80 - 120	20	
Cobalt	BRL	0.001	<0.005	<0.001	NC	91.8	94.7	3.1	93.2	93.4	0.2	80 - 120	20	
Copper	BRL	0.005	<0.005	<0.005	NC	91.9	93.7	1.9	97.1	97.2	0.1	80 - 120	20	
Iron	BRL	0.011	5.87	0.031	NC	91.6	94.4	3.0	94.1	94.2	0.1	80 - 120	20	
Lead	BRL	0.002	0.001	<0.002	NC	88.9	91.6	3.0	89.4	89.9	0.6	80 - 120	20	
Magnesium	BRL	0.01	19.6	19.3	1.50	89.8	92.8	3.3	NC	NC	NC	80 - 120	20	
Manganese	BRL	0.001	1.21	1.20	0.80	90.0	92.9	3.2	90.2	90.2	0.0	80 - 120	20	
Nickel	BRL	0.001	0.003	<0.001	NC	88.8	91.6	3.1	89.4	89.6	0.2	80 - 120	20	
Potassium	BRL	0.1	28.1	27.7	1.40	95.9	98.4	2.6	NC	NC	NC	80 - 120	20	
Silver	BRL	0.001	<0.005	<0.001	NC	89.7	91.6	2.1	97.0	96.9	0.1	70 - 130	30	
Sodium	BRL	0.11	212	212	0	99.1	101	1.9	NC	NC	NC	80 - 120	20	

QA/QC Data

SDG I.D.: GBK43846

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Vanadium	BRL	0.002	0.002	<0.002	NC	90.5	92.4	2.1	96.1	95.8	0.3	80 - 120	20
Zinc	BRL	0.002	0.009	0.008	NC	89.2	91.7	2.8	94.2	94.6	0.4	80 - 120	20
QA/QC Batch 330555 (mg/L), QC Sample No: BK43848 (BK43846, BK43847, BK43848, BK43849, BK43850, BK43851)													
Mercury (Dissolved)	BRL	0.0002	<0.0002	<0.0003	NC	102	94.2	8.0	92.5	91.8	0.8	75 - 125	20
QA/QC Batch 330536 (mg/L), QC Sample No: BK43848 (BK43846, BK43847, BK43848, BK43849, BK43850, BK43851)													
Antimony (Dissolved)-LDL	BRL	0.005	<0.002	<0.005	NC	114	114	0.0	124	128	3.2	75 - 125	20 m
Selenium (Dissolved)	BRL	0.002	<0.002	0.004	NC	109	109	0.0	108	110	1.8	75 - 125	20
Thallium (Dissolved)	BRL	0.002	<0.0005	<0.002	NC	112	112	0.0	90.2	90.9	0.8	75 - 125	20
QA/QC Batch 330533 (mg/L), QC Sample No: BK43848 (BK43846, BK43847, BK43848, BK43849, BK43850, BK43851)													
Antimony - Water	BRL	0.003	<0.003	<0.003	NC	106	112	5.5	117	120	2.5	75 - 125	20
Selenium - Water	BRL	0.005	<0.002	0.001 B	NC	108	110	1.8	110	108	1.8	75 - 125	20
Thallium - Water	BRL	0.001	<0.0005	<0.001	NC	102	110	7.5	104	92.4	11.8	75 - 125	20

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.



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QA/QC Report

January 23, 2016

QA/QC Data

SDG I.D.: GBK43846

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 330738 (ug/L), QC Sample No: BK43846 (BK43846, BK43849 (2X, 5X))										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	108	108	0.0				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	111	110	0.9				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	100	101	1.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	99	101	2.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	107	106	0.9				70 - 130	30
1,1-Dichloroethene	ND	1.0	112	110	1.8				70 - 130	30
1,1-Dichloropropene	ND	1.0	113	112	0.9				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	98	100	2.0				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	102	102	0.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	102	106	3.8				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	109	108	0.9				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	100	101	1.0				70 - 130	30
1,2-Dibromoethane	ND	1.0	102	103	1.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	104	104	0.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	101	102	1.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	105	104	1.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	111	109	1.8				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	106	105	0.9				70 - 130	30
1,3-Dichloropropane	ND	1.0	102	104	1.9				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	105	105	0.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	118	114	3.4				70 - 130	30
2-Chlorotoluene	ND	1.0	111	109	1.8				70 - 130	30
2-Hexanone	ND	5.0	94	94	0.0				70 - 130	30
2-Isopropyltoluene	ND	1.0	113	111	1.8				70 - 130	30
4-Chlorotoluene	ND	1.0	107	105	1.9				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	92	95	3.2				70 - 130	30
Acetone	ND	5.0	90	90	0.0				70 - 130	30
Acrolein	ND	5.0	96	96	0.0				70 - 130	30
Acrylonitrile	ND	5.0	99	104	4.9				70 - 130	30
Benzene	ND	0.70	108	107	0.9				70 - 130	30
Bromobenzene	ND	1.0	106	108	1.9				70 - 130	30
Bromochloromethane	ND	1.0	103	104	1.0				70 - 130	30
Bromodichloromethane	ND	0.50	107	110	2.8				70 - 130	30
Bromoform	ND	1.0	102	105	2.9				70 - 130	30
Bromomethane	ND	1.0	143	137	4.3				70 - 130	30
Carbon Disulfide	ND	1.0	115	113	1.8				70 - 130	30
Carbon tetrachloride	ND	1.0	116	112	3.5				70 - 130	30
Chlorobenzene	ND	1.0	105	105	0.0				70 - 130	30
Chloroethane	ND	1.0	114	112	1.8				70 - 130	30
Chloroform	ND	1.0	106	105	0.9				70 - 130	30
Chloromethane	ND	1.0	124	119	4.1				70 - 130	30

QA/QC Data

SDG I.D.: GBK43846

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,2-Dichloroethene	ND	1.0	108	103	4.7				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	101	103	2.0				70 - 130	30
Dibromochloromethane	ND	0.50	104	108	3.8				70 - 130	30
Dibromomethane	ND	1.0	97	101	4.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	141	141	0.0				70 - 130	30
Ethylbenzene	ND	1.0	111	110	0.9				70 - 130	30
Hexachlorobutadiene	ND	0.40	116	113	2.6				70 - 130	30
Isopropylbenzene	ND	1.0	112	109	2.7				70 - 130	30
m&p-Xylene	ND	1.0	111	108	2.7				70 - 130	30
Methyl ethyl ketone	ND	5.0	96	97	1.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	101	102	1.0				70 - 130	30
Methylene chloride	ND	1.0	112	111	0.9				70 - 130	30
Naphthalene	ND	1.0	101	106	4.8				70 - 130	30
n-Butylbenzene	ND	1.0	115	112	2.6				70 - 130	30
n-Propylbenzene	ND	1.0	110	107	2.8				70 - 130	30
o-Xylene	ND	1.0	111	109	1.8				70 - 130	30
p-Isopropyltoluene	ND	1.0	117	114	2.6				70 - 130	30
sec-Butylbenzene	ND	1.0	117	114	2.6				70 - 130	30
Styrene	ND	1.0	109	109	0.0				70 - 130	30
tert-Butylbenzene	ND	1.0	113	112	0.9				70 - 130	30
Tetrachloroethene	ND	1.0	111	112	0.9				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	94	100	6.2				70 - 130	30
Toluene	ND	1.0	108	106	1.9				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	114	111	2.7				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	103	105	1.9				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	101	105	3.9				70 - 130	30
Trichloroethene	ND	1.0	110	107	2.8				70 - 130	30
Trichlorofluoromethane	ND	1.0	119	114	4.3				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	116	112	3.5				70 - 130	30
Vinyl chloride	ND	1.0	125	123	1.6				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	98	100	2.0				70 - 130	30
% Bromofluorobenzene	96	%	101	101	0.0				70 - 130	30
% Dibromofluoromethane	100	%	99	100	1.0				70 - 130	30
% Toluene-d8	101	%	100	101	1.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 330682 (ug/L), QC Sample No: BK43848 (BK43846, BK43847, BK43848, BK43849, BK43850, BK43851)

Pesticides - Ground Water

4,4' -DDD	ND	0.003	81	85	4.8				30 - 150	20
4,4' -DDE	ND	0.003	74	77	4.0				40 - 140	30
4,4' -DDT	ND	0.003	82	86	4.8				30 - 150	20
a-BHC	ND	0.002	81	89	9.4				30 - 150	20
a-Chlordane	ND	0.005	77	82	6.3				30 - 150	20
Alachlor	ND	0.005	NA	NA	NC				30 - 150	20
Aldrin	ND	0.002	65	68	4.5				40 - 140	30
b-BHC	ND	0.002	73	79	7.9				30 - 150	20
Chlordane	ND	0.050	71	74	4.1				30 - 150	20
d-BHC	ND	0.005	78	82	5.0				30 - 150	20
Dieldrin	ND	0.002	80	84	4.9				40 - 140	30
Endosulfan I	ND	0.005	82	87	5.9				30 - 150	20
Endosulfan II	ND	0.005	80	84	4.9				30 - 150	20
Endosulfan sulfate	ND	0.005	78	81	3.8				40 - 140	30

QA/QC Data

SDG I.D.: GBK43846

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Endrin	ND	0.005	76	83	8.8				40 - 140	30
Endrin aldehyde	ND	0.005	76	79	3.9				30 - 150	20
Endrin ketone	ND	0.005	84	86	2.4				30 - 150	20
g-BHC	ND	0.002	81	88	8.3				40 - 140	30
g-Chlordane	ND	0.005	71	74	4.1				40 - 140	30
Heptachlor	ND	0.005	77	82	6.3				40 - 140	30
Heptachlor epoxide	ND	0.005	78	83	6.2				30 - 150	20
Methoxychlor	ND	0.005	79	84	6.1				30 - 150	20
Toxaphene	ND	0.20	NA	NA	NC				30 - 150	20
% DCBP	87	%	83	81	2.4				30 - 150	30
% TCMX	80	%	84	90	6.9				30 - 150	30

Comment:

A LCS and LCS duplicate were performed instead of a MS and MSD. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported as chlordane in the LCS and LCSD

QA/QC Batch 330543 (ug/L), QC Sample No: BK43848 (BK43846, BK43847, BK43848, BK43849, BK43850, BK43851)

Polychlorinated Biphenyls - Ground Water

PCB-1016	ND	0.050	79	71	10.7	85	86	1.2	30 - 120	20
PCB-1221	ND	0.050							30 - 150	20
PCB-1232	ND	0.050							30 - 150	20
PCB-1242	ND	0.050							30 - 150	20
PCB-1248	ND	0.050							30 - 150	20
PCB-1254	ND	0.050							30 - 150	20
PCB-1260	ND	0.050	90	86	4.5	93	92	1.1	30 - 150	20
PCB-1262	ND	0.050							30 - 150	20
PCB-1268	ND	0.050							30 - 150	20
% DCBP (Surrogate Rec)	68	%	81	82	1.2	81	92	12.7	30 - 150	20
% TCMX (Surrogate Rec)	69	%	88	79	10.8	94	92	2.2	30 - 150	20

QA/QC Batch 330646 (ug/L), QC Sample No: BK43848 (BK43847 (2X) , BK43848, BK43850 (5X) , BK43851)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	101	105	3.9	94	81	14.9	70 - 130	30
1,1,1-Trichloroethane	ND	1.0	96	103	7.0	99	79	22.5	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	100	103	3.0	104	99	4.9	70 - 130	30
1,1,2-Trichloroethane	ND	1.0	98	98	0.0	95	85	11.1	70 - 130	30
1,1-Dichloroethane	ND	1.0	96	101	5.1	97	80	19.2	70 - 130	30
1,1-Dichloroethene	ND	1.0	97	101	4.0	101	80	23.2	70 - 130	30
1,1-Dichloropropene	ND	1.0	100	104	3.9	103	83	21.5	70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	110	105	4.7	89	87	2.3	70 - 130	30
1,2,3-Trichloropropane	ND	1.0	101	105	3.9	94	88	6.6	70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	111	105	5.6	96	90	6.5	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	102	107	4.8	96	83	14.5	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	110	98	11.5	95	96	1.0	70 - 130	30
1,2-Dibromoethane	ND	1.0	102	103	1.0	97	87	10.9	70 - 130	30
1,2-Dichlorobenzene	ND	1.0	100	102	2.0	92	83	10.3	70 - 130	30
1,2-Dichloroethane	ND	1.0	95	98	3.1	91	80	12.9	70 - 130	30
1,2-Dichloropropane	ND	1.0	98	102	4.0	96	81	16.9	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	102	109	6.6	97	85	13.2	70 - 130	30
1,3-Dichlorobenzene	ND	1.0	101	105	3.9	92	82	11.5	70 - 130	30
1,3-Dichloropropane	ND	1.0	100	101	1.0	93	84	10.2	70 - 130	30
1,4-Dichlorobenzene	ND	1.0	99	104	4.9	93	82	12.6	70 - 130	30
2,2-Dichloropropane	ND	1.0	107	110	2.8	89	70	23.9	70 - 130	30
2-Chlorotoluene	ND	1.0	101	110	8.5	97	84	14.4	70 - 130	30
2-Hexanone	ND	5.0	96	97	1.0	96	88	8.7	70 - 130	30

QA/QC Data

SDG I.D.: GBK43846

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
2-Isopropyltoluene	ND	1.0	103	109	5.7	99	87	12.9	70 - 130	30
4-Chlorotoluene	ND	1.0	99	105	5.9	94	80	16.1	70 - 130	30
4-Methyl-2-pentanone	ND	5.0	95	95	0.0	97	88	9.7	70 - 130	30
Acetone	ND	5.0	96	101	5.1	68	53	24.8	70 - 130	30
Acrolein	ND	5.0	95	95	0.0	76	70	8.2	70 - 130	30
Acrylonitrile	ND	5.0	99	102	3.0	92	88	4.4	70 - 130	30
Benzene	ND	0.70	99	104	4.9	99	82	18.8	70 - 130	30
Bromobenzene	ND	1.0	101	106	4.8	95	84	12.3	70 - 130	30
Bromochloromethane	ND	1.0	99	100	1.0	95	81	15.9	70 - 130	30
Bromodichloromethane	ND	0.50	101	107	5.8	95	83	13.5	70 - 130	30
Bromoform	ND	1.0	106	106	0.0	89	83	7.0	70 - 130	30
Bromomethane	ND	1.0	116	127	9.1	81	81	0.0	70 - 130	30
Carbon Disulfide	ND	1.0	105	107	1.9	107	86	21.8	70 - 130	30
Carbon tetrachloride	ND	1.0	97	102	5.0	97	78	21.7	70 - 130	30
Chlorobenzene	ND	1.0	98	102	4.0	94	80	16.1	70 - 130	30
Chloroethane	ND	1.0	98	109	10.6	103	84	20.3	70 - 130	30
Chloroform	ND	1.0	96	100	4.1	94	78	18.6	70 - 130	30
Chloromethane	ND	1.0	111	116	4.4	108	88	20.4	70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	97	102	5.0	96	79	19.4	70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	100	102	2.0	91	79	14.1	70 - 130	30
Dibromochloromethane	ND	0.50	105	106	0.9	94	83	12.4	70 - 130	30
Dibromomethane	ND	1.0	95	94	1.1	91	79	14.1	70 - 130	30
Dichlorodifluoromethane	ND	1.0	128	132	3.1	136	103	27.6	70 - 130	30
Ethylbenzene	ND	1.0	102	107	4.8	99	83	17.6	70 - 130	30
Hexachlorobutadiene	ND	0.40	112	107	4.6	94	86	8.9	70 - 130	30
Isopropylbenzene	ND	1.0	101	108	6.7	98	86	13.0	70 - 130	30
m&p-Xylene	ND	1.0	102	107	4.8	98	83	16.6	70 - 130	30
Methyl ethyl ketone	ND	5.0	100	94	6.2	95	96	1.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	99	99	0.0	99	87	12.9	70 - 130	30
Methylene chloride	ND	1.0	96	108	11.8	101	84	18.4	70 - 130	30
Naphthalene	ND	1.0	116	108	7.1	102	103	1.0	70 - 130	30
n-Butylbenzene	ND	1.0	105	111	5.6	98	87	11.9	70 - 130	30
n-Propylbenzene	ND	1.0	100	106	5.8	95	83	13.5	70 - 130	30
o-Xylene	ND	1.0	102	107	4.8	98	82	17.8	70 - 130	30
p-Isopropyltoluene	ND	1.0	106	111	4.6	101	89	12.6	70 - 130	30
sec-Butylbenzene	ND	1.0	104	111	6.5	100	88	12.8	70 - 130	30
Styrene	ND	1.0	104	106	1.9	98	84	15.4	70 - 130	30
tert-Butylbenzene	ND	1.0	101	109	7.6	98	85	14.2	70 - 130	30
Tetrachloroethene	ND	1.0	100	104	3.9	101	82	20.8	70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	93	93	0.0	89	83	7.0	70 - 130	30
Toluene	ND	1.0	98	104	5.9	100	79	23.5	70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	99	105	5.9	102	82	21.7	70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	101	102	1.0	91	81	11.6	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	113	113	0.0	76	71	6.8	70 - 130	30
Trichloroethene	ND	1.0	100	105	4.9	98	80	20.2	70 - 130	30
Trichlorofluoromethane	ND	1.0	96	100	4.1	103	81	23.9	70 - 130	30
Trichlorotrifluoroethane	ND	1.0	94	98	4.2	102	79	25.4	70 - 130	30
Vinyl chloride	ND	1.0	105	115	9.1	114	91	22.4	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	99	100	1.0	102	100	2.0	70 - 130	30
% Bromofluorobenzene	95	%	102	100	2.0	116	112	3.5	70 - 130	30
% Dibromofluoromethane	101	%	97	96	1.0	98	96	2.1	70 - 130	30
% Toluene-d8	100	%	101	100	1.0	101	100	1.0	70 - 130	30

QA/QC Data

SDG I.D.: GBK43846

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 330520 (ug/L), QC Sample No: BK43848 (BK43846, BK43847, BK43848, BK43849, BK43850, BK43851)											
<u>Semivolatiles (SIM) - Ground Water</u>											
1,2,4,5-Tetrachlorobenzene	ND	0.50	94	112	17.5	74	100	29.9	30 - 130	20	r
Acenaphthylene	ND	0.02	94	118	22.6	78	101	25.7	30 - 130	20	r
Benz(a)anthracene	ND	0.02	88	110	22.2	71	98	32.0	30 - 130	20	r
Benzo(a)pyrene	ND	0.02	86	107	21.8	65	95	37.5	30 - 130	20	r
Benzo(b)fluoranthene	ND	0.02	87	112	25.1	64	94	38.0	30 - 130	20	r
Benzo(ghi)perylene	ND	0.02	96	126	27.0	83	104	22.5	30 - 130	20	r
Benzo(k)fluoranthene	ND	0.02	90	109	19.1	68	95	33.1	30 - 130	20	r
Bis(2-ethylhexyl)phthalate	ND	0.10	83	105	23.4	70	86	20.5	30 - 130	20	r
Chrysene	ND	0.02	89	111	22.0	72	98	30.6	30 - 130	20	r
Dibenz(a,h)anthracene	ND	0.01	101	129	24.3	87	110	23.4	30 - 130	20	r
Hexachlorobenzene	ND	0.02	103	128	21.6	83	113	30.6	30 - 130	20	r
Hexachlorobutadiene	ND	0.05	95	110	14.6	74	98	27.9	30 - 130	20	r
Hexachloroethane	ND	0.05	70	97	32.3	58	79	30.7	30 - 130	20	r
Indeno(1,2,3-cd)pyrene	ND	0.02	95	97	2.1	65	83	24.3	30 - 130	20	r
Nitrobenzene	ND	0.05	88	131	39.3	89	95	6.5	30 - 130	20	l,r
Pentachloronitrobenzene	ND	0.10	81	100	21.0	70	92	27.2	30 - 130	20	r
Pentachlorophenol	ND	0.20	66	75	12.8	67	112	50.3	30 - 130	20	r
Phenanthrene	ND	0.02	93	114	20.3	74	102	31.8	30 - 130	20	r
% 2,4,6-Tribromophenol	93	%	123	136	10.0	95	134	34.1	15 - 110	20	l,m,r
% 2-Fluorobiphenyl	81	%	82	109	28.3	73	82	11.6	30 - 130	20	r
% 2-Fluorophenol	71	%	72	81	11.8	63	65	3.1	15 - 110	20	
% Nitrobenzene-d5	88	%	73	98	29.2	62	86	32.4	30 - 130	20	r
% Phenol-d5	76	%	80	90	11.8	64	56	13.3	15 - 110	20	
% Terphenyl-d14	103	%	112	136	19.4	81	121	39.6	30 - 130	20	l,r
QA/QC Batch 330520 (ug/L), QC Sample No: BK43848 (BK43846, BK43847, BK43848, BK43849, BK43850, BK43851)											
<u>Semivolatiles - Ground Water</u>											
1,2,4-Trichlorobenzene	ND	3.5	90	81	10.5	79	85	7.3	30 - 130	20	
1,2-Dichlorobenzene	ND	1.0	86	79	8.5	71	85	17.9	30 - 130	20	
1,2-Diphenylhydrazine	ND	1.6	89	93	4.4	87	98	11.9	30 - 130	20	
1,3-Dichlorobenzene	ND	1.0	83	77	7.5	71	82	14.4	30 - 130	20	
1,4-Dichlorobenzene	ND	1.0	79	74	6.5	66	78	16.7	30 - 130	20	
2,4,5-Trichlorophenol	ND	1.0	93	91	2.2	97	103	6.0	30 - 130	20	
2,4,6-Trichlorophenol	ND	1.0	94	92	2.2	84	90	6.9	30 - 130	20	
2,4-Dichlorophenol	ND	1.0	95	88	7.7	86	90	4.5	30 - 130	20	
2,4-Dimethylphenol	ND	1.0	93	89	4.4	81	96	16.9	30 - 130	20	
2,4-Dinitrophenol	ND	1.0	99	99	0.0	99	106	6.8	30 - 130	20	
2,4-Dinitrotoluene	ND	3.5	103	101	2.0	93	105	12.1	30 - 130	20	m
2,6-Dinitrotoluene	ND	3.5	91	91	0.0	86	94	8.9	30 - 130	20	
2-Chloronaphthalene	ND	3.5	89	88	1.1	84	92	9.1	30 - 130	20	
2-Chlorophenol	ND	1.0	82	79	3.7	75	79	5.2	30 - 130	20	
2-Methylnaphthalene	ND	3.5	94	89	5.5	83	93	11.4	30 - 130	20	
2-Methylphenol (o-cresol)	ND	1.0	87	81	7.1	79	91	14.1	30 - 130	20	
2-Nitroaniline	ND	3.5	103	103	0.0	33	85	88.1	30 - 130	20	r
2-Nitrophenol	ND	1.0	97	94	3.1	92	96	4.3	30 - 130	20	
3&4-Methylphenol (m&p-cresol)	ND	1.0	92	87	5.6	79	86	8.5	30 - 130	20	
3,3'-Dichlorobenzidine	ND	5.0	41	39	5.0	<10	<10	NC	30 - 130	20	m
3-Nitroaniline	ND	5.0	90	91	1.1	41	61	39.2	30 - 130	20	r
4,6-Dinitro-2-methylphenol	ND	1.0	109	109	0.0	99	108	8.7	30 - 130	20	
4-Bromophenyl phenyl ether	ND	3.5	91	91	0.0	81	95	15.9	30 - 130	20	
4-Chloro-3-methylphenol	ND	1.0	98	96	2.1	91	96	5.3	30 - 130	20	

QA/QC Data

SDG I.D.: GBK43846

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Chloroaniline	ND	3.5	90	83	8.1	52	68	26.7	30 - 130	20	r
4-Chlorophenyl phenyl ether	ND	1.0	92	90	2.2	85	95	11.1	30 - 130	20	
4-Nitroaniline	ND	5.0	93	98	5.2	57	97	51.9	30 - 130	20	r
4-Nitrophenol	ND	1.0	103	106	2.9	106	122	14.0	30 - 130	20	m
Acenaphthene	ND	1.5	94	90	4.3	87	95	8.8	30 - 130	20	
Acetophenone	ND	3.5	84	81	3.6	73	88	18.6	30 - 130	20	
Aniline	ND	3.5	86	50	52.9	50	67	29.1	30 - 130	20	r
Anthracene	ND	1.5	88	91	3.4	78	93	17.5	30 - 130	20	
Benzidine	ND	4.5	186	<10	NC	<10	<10	NC	30 - 130	20	l,m
Benzoic acid	ND	10	82	92	11.5	102	95	7.1	30 - 130	20	
Benzyl butyl phthalate	ND	1.5	85	90	5.7	76	88	14.6	30 - 130	20	
Bis(2-chloroethoxy)methane	ND	3.5	94	92	2.2	83	93	11.4	30 - 130	20	
Bis(2-chloroethyl)ether	ND	1.0	76	72	5.4	67	81	18.9	30 - 130	20	
Bis(2-chloroisopropyl)ether	ND	1.0	73	68	7.1	65	77	16.9	30 - 130	20	
Carbazole	ND	5.0	90	93	3.3	78	91	15.4	30 - 130	20	
Dibenzofuran	ND	3.5	93	91	2.2	89	97	8.6	30 - 130	20	
Diethyl phthalate	ND	1.5	98	99	1.0	95	104	9.0	30 - 130	20	
Dimethylphthalate	ND	1.5	94	94	0.0	90	99	9.5	30 - 130	20	
Di-n-butylphthalate	ND	1.5	95	99	4.1	82	94	13.6	30 - 130	20	
Di-n-octylphthalate	ND	1.5	93	95	2.1	79	94	17.3	30 - 130	20	
Fluoranthene	ND	1.5	94	96	2.1	80	91	12.9	30 - 130	20	
Fluorene	ND	1.5	93	90	3.3	86	97	12.0	30 - 130	20	
Hexachlorocyclopentadiene	ND	3.5	62	54	13.8	22	30	30.8	30 - 130	20	m,r
Isophorone	ND	3.5	90	89	1.1	83	94	12.4	30 - 130	20	
Naphthalene	ND	1.5	90	84	6.9	81	87	7.1	30 - 130	20	
N-Nitrosodimethylamine	ND	1.0	71	70	1.4	55	59	7.0	30 - 130	20	
N-Nitrosodi-n-propylamine	ND	3.5	92	89	3.3	84	104	21.3	30 - 130	20	r
N-Nitrosodiphenylamine	ND	3.5	89	89	0.0	89	99	10.6	30 - 130	20	
Phenol	ND	1.0	81	76	6.4	71	58	20.2	30 - 130	20	
Pyrene	ND	1.5	99	97	2.0	81	91	11.6	30 - 130	20	
Pyridine	ND	5.0	63	52	19.1	41	52	23.7	30 - 130	20	r
% 2,4,6-Tribromophenol	87	%	89	94	5.5	83	100	18.6	15 - 110	20	
% 2-Fluorobiphenyl	86	%	86	83	3.6	78	85	8.6	30 - 130	20	
% 2-Fluorophenol	59	%	70	65	7.4	56	53	5.5	15 - 110	20	
% Nitrobenzene-d5	94	%	87	89	2.3	79	95	18.4	30 - 130	20	
% Phenol-d5	68	%	82	77	6.3	67	54	21.5	15 - 110	20	r
% Terphenyl-d14	91	%	106	104	1.9	85	96	12.2	30 - 130	20	

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

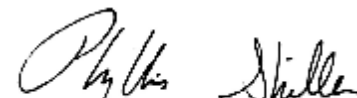
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director
January 23, 2016

Sample Criteria Exceedences Report

Criteria: NY: GW

GBK43846 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK43846	\$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	13	1.0	2	2	ug/L
BK43846	\$8260DP25R	Chlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	8.1	5.0	5	5	ug/L
BK43846	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK43846	\$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	13	1.0	2	2	ug/L
BK43846	\$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	15	1.0	5	5	ug/L
BK43846	\$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	6.2	1.0	5	5	ug/L
BK43846	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	8.5	1.0	5	5	ug/L
BK43846	\$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	13	1.0	5	5	ug/L
BK43846	\$8260DP25R	Chlorobenzene	NY / TOGS - Water Quality / GA Criteria	8.1	5.0	5	5	ug/L
BK43846	\$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	7.0	1.0	5	5	ug/L
BK43846	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK43846	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK43846	\$8260DP25R	tert-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	6.0	1.0	5	5	ug/L
BK43846	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BK43846	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.11	0.02	0.002	0.002	ug/L
BK43846	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.11	0.02	0.002	0.002	ug/L
BK43846	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.07	0.02	0.002	0.002	ug/L
BK43846	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.06	0.02	0.002	0.002	ug/L
BK43846	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.06	0.02	0.002	0.002	ug/L
BK43846	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BK43846	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.11	0.02	0.002	0.002	ug/L
BK43846	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.11	0.02	0.002	0.002	ug/L
BK43846	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.06	0.02	0.002	0.002	ug/L
BK43846	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.06	0.02	0.002	0.002	ug/L
BK43846	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BK43846	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	0.220	0.010	0.1	0.1	mg/L
BK43846	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.63	0.01	0.3	0.3	mg/L
BK43846	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.848	0.005	0.3	0.3	mg/L
BK43846	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	114	1.1	20	20	mg/L
BK43846	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	21.2	0.01	0.3	0.3	mg/L
BK43846	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	0.882	0.005	0.3	0.3	mg/L
BK43846	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	112	1.0	20	20	mg/L
BK43846	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.030	0.002	0.025	0.025	mg/L
BK43847	\$8260DP25R	Chloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	56	10	50	50	ug/L
BK43847	\$8260DP25R	Chloroethane	NY / TOGS - Water Quality / GA Criteria	56	10	5	5	ug/L
BK43847	\$8260DP25R	Acetone	NY / TAGM - Volatile Organics / Groundwater Standards	59	10	50	50	ug/L
BK43847	\$8260DP25R	Acetone	NY / TOGS - Water Quality / GA Criteria	59	10	50	50	ug/L
BK43847	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.0006	0.0006	ug/L
BK43847	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BK43847	\$8260DP25R	tert-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	6.5	2.0	5	5	ug/L
BK43847	\$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	12	2.0	5	5	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBK43846 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK43847	\$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	7.3	2.0	5	5	ug/L
BK43847	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BK43847	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
BK43847	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BK43847	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK43847	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BK43847	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BK43847	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BK43847	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
BK43847	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BK43847	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BK43847	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK43847	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BK43847	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BK43847	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	1.02	0.010	0.1	0.1	mg/L
BK43847	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.045	0.004	0.025	0.025	mg/L
BK43847	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.37	0.11	0.1	0.1	mg/L
BK43847	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.38	0.01	0.3	0.3	mg/L
BK43847	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.820	0.005	0.3	0.3	mg/L
BK43847	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	164	1.1	20	20	mg/L
BK43847	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	34.2	0.01	0.3	0.3	mg/L
BK43847	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	0.852	0.005	0.3	0.3	mg/L
BK43847	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	175	1.0	20	20	mg/L
BK43847	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.031	0.002	0.025	0.025	mg/L
BK43848	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK43848	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK43848	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK43848	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.06	0.02	0.002	0.002	ug/L
BK43848	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.11	0.02	0.002	0.002	ug/L
BK43848	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.10	0.02	0.002	0.002	ug/L
BK43848	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BK43848	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.07	0.02	0.002	0.002	ug/L
BK43848	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.08	0.02	0.002	0.002	ug/L
BK43848	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.06	0.02	0.002	0.002	ug/L
BK43848	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.10	0.02	0.002	0.002	ug/L
BK43848	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.11	0.02	0.002	0.002	ug/L
BK43848	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BK43848	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.07	0.02	0.002	0.002	ug/L
BK43848	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BK43848	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	0.282	0.010	0.1	0.1	mg/L
BK43848	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.73	0.11	0.1	0.1	mg/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBK43846 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK43848	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.21	0.005	0.3	0.3	mg/L
BK43848	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	203	1.1	20	20	mg/L
BK43848	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	5.87	0.01	0.3	0.3	mg/L
BK43848	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.21	0.005	0.3	0.3	mg/L
BK43848	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	212	1.0	20	20	mg/L
BK43849	\$8260DP25R	Chloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	130	25	50	50	ug/L
BK43849	\$8260DP25R	Chloroethane	NY / TOGS - Water Quality / GA Criteria	130	25	5	5	ug/L
BK43849	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.0006	0.0006	ug/L
BK43849	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	6.8	2.0	5	5	ug/L
BK43849	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BK43849	\$8260DP25R	tert-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	15	2.0	5	5	ug/L
BK43849	\$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	36	2.0	5	5	ug/L
BK43849	\$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	28	2.0	5	5	ug/L
BK43849	\$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	5.4	2.0	5	5	ug/L
BK43849	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BK43849	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.57	0.02	0.002	0.002	ug/L
BK43849	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.21	0.02	0.002	0.002	ug/L
BK43849	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.54	0.02	0.002	0.002	ug/L
BK43849	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.40	0.02	0.002	0.002	ug/L
BK43849	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.44	0.02	0.002	0.002	ug/L
BK43849	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.58	0.02	0.002	0.002	ug/L
BK43849	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.40	0.02	0.002	0.002	ug/L
BK43849	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.58	0.02	0.002	0.002	ug/L
BK43849	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.54	0.02	0.002	0.002	ug/L
BK43849	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.21	0.02	0.002	0.002	ug/L
BK43849	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.44	0.02	0.002	0.002	ug/L
BK43849	\$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	0.014	0.010	0.01	0.01	ug/L
BK43849	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BK43849	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	1.28	0.010	0.1	0.1	mg/L
BK43849	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.070	0.004	0.025	0.025	mg/L
BK43849	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.45	0.11	0.1	0.1	mg/L
BK43849	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.26	0.01	0.3	0.3	mg/L
BK43849	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.27	0.005	0.3	0.3	mg/L
BK43849	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	148	1.1	20	20	mg/L
BK43849	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	28.5	0.01	0.3	0.3	mg/L
BK43849	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.44	0.005	0.3	0.3	mg/L
BK43849	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	145	1.0	20	20	mg/L
BK43849	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.062	0.002	0.025	0.025	mg/L
BK43850	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	1.0	0.7	0.7	ug/L
BK43850	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBK43846 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK43850	\$8260DP25R	tert-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	12	5.0	5	5	ug/L
BK43850	\$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	35	5.0	5	5	ug/L
BK43850	\$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	23	5.0	5	5	ug/L
BK43850	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	25	5.0	5	5	ug/L
BK43850	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BK43850	\$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
BK43850	\$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	17	5.0	5	5	ug/L
BK43850	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
BK43850	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK43850	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
BK43850	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK43850	\$8260DP25R	Chloroethane	NY / TOGS - Water Quality / GA Criteria	23	25	5	5	ug/L
BK43850	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK43850	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BK43850	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK43850	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK43850	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK43850	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK43850	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK43850	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK43850	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK43850	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BK43850	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK43850	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BK43850	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	0.131	0.010	0.1	0.1	mg/L
BK43850	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.162	0.004	0.025	0.025	mg/L
BK43850	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.90	0.11	0.1	0.1	mg/L
BK43850	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.24	0.01	0.3	0.3	mg/L
BK43850	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.529	0.005	0.3	0.3	mg/L
BK43850	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	131	1.1	20	20	mg/L
BK43850	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	25.2	0.01	0.3	0.3	mg/L
BK43850	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	0.570	0.005	0.3	0.3	mg/L
BK43850	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	142	1.0	20	20	mg/L
BK43851	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK43851	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK43851	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK43851	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BK43851	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.08	0.02	0.002	0.002	ug/L
BK43851	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
BK43851	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.05	0.02	0.002	0.002	ug/L
BK43851	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBK43846 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK43851	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.06	0.02	0.002	0.002	ug/L
BK43851	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
BK43851	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.06	0.02	0.002	0.002	ug/L
BK43851	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BK43851	\$DP8270-SIMR	Benzo(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.08	0.02	0.002	0.002	ug/L
BK43851	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BK43851	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BK43851	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	0.235	0.010	0.1	0.1	mg/L
BK43851	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.18	0.005	0.3	0.3	mg/L
BK43851	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	211	1.1	20	20	mg/L
BK43851	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	5.98	0.01	0.3	0.3	mg/L
BK43851	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.22	0.005	0.3	0.3	mg/L
BK43851	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	230	1.0	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.
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Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

January 23, 2016

SDG I.D.: GBK43846

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



Friday, January 22, 2016

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

Project ID: 65 ECKFORD ST., BROOKLYN
Sample ID#s: BK41655 - BK41665

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.

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, 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



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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 65 ECKFORD ST., BROOKLYN
Laboratory Project: GBK41655



Environmental Laboratories, Inc.
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NY Analytical Services Protocol Format

January 22, 2016

SDG I.D.: GBK41655

Environmental Business Consultants 65 ECKFORD ST., BROOKLYN

Methodology Summary

Volatiles

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

Accelerated Solvent Extraction (ASE)

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

Chlorinated Herbicides:

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8151A.

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

NPDs

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8141A.

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



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NY Analytical Services Protocol Format

January 22, 2016

SDG I.D.: GBK41655

Environmental Business Consultants 65 ECKFORD ST., BROOKLYN

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

Total Cyanide

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV,
Method 9010B and SW9012B

Sample Id Cross Reference

Client Id	Lab Id	Matrix
15SB1 11-13	BK41655	SOIL
15SB3 11-13	BK41656	SOIL
15SB5 11-13	BK41657	SOIL
TRIP BLANK HIGH	BK41658	SOIL
TRIP BLANK LOW	BK41659	SOIL
15SB1 2-4	BK41660	SOIL
15SB3 2-4	BK41661	SOIL
15SB5 2-4	BK41662	SOIL
15SB1 18-20	BK41663	SOIL
15SB3 18-20	BK41664	SOIL
15SB5 22-24	BK41665	SOIL



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NY Analytical Services Protocol Format

January 22, 2016

SDG I.D.: GBK41655

Environmental Business Consultants 65 ECKFORD ST., BROOKLYN

Laboratory Chronicle

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

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BK41655	1,4-dioxane	12/16/15	12/19/15	12/19/15	JLI	Y
BK41655	Semivolatiles	12/16/15	12/18/15	12/19/15	DD	Y
BK41655	Volatiles	12/16/15	12/19/15	12/19/15	JLI	Y
BK41655	Volatiles	12/16/15	12/19/15	12/19/15	JLI	Y
BK41656	1,4-dioxane	12/16/15	12/21/15	12/21/15	JLI	Y
BK41656	Semivolatiles	12/16/15	12/18/15	12/21/15	DD	Y
BK41656	Volatiles	12/16/15	12/21/15	12/21/15	JLI	Y
BK41656	Volatiles	12/16/15	12/21/15	12/21/15	JLI	Y
BK41657	1,4-dioxane	12/16/15	12/19/15	12/19/15	JLI	Y
BK41657	Semivolatiles	12/16/15	12/18/15	12/21/15	DD	Y
BK41657	Volatiles	12/16/15	12/19/15	12/19/15	JLI	Y
BK41657	Volatiles	12/16/15	12/19/15	12/19/15	JLI	Y
BK41658	1,4-dioxane	12/16/15	12/19/15	12/19/15	JLI	Y
BK41658	Volatiles	12/16/15	12/19/15	12/19/15	JLI	Y
BK41658	Volatiles	12/16/15	12/19/15	12/19/15	JLI	Y
BK41659	1,4-dioxane	12/16/15	12/19/15	12/19/15	JLI	Y
BK41659	Volatiles	12/16/15	12/19/15	12/19/15	JLI	Y
BK41659	Volatiles	12/16/15	12/19/15	12/19/15	JLI	Y
BK41660	1,4-dioxane	12/16/15	12/19/15	12/19/15	JLI	Y
BK41660	Aluminum	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Antimony	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Arsenic	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Barium	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Beryllium	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Cadmium	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Calcium	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Chlorinated Herbicides	12/16/15	12/18/15	12/21/15	BB	Y
BK41660	Chromium	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Cobalt	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Copper	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Iron	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Lead	12/16/15	12/18/15	12/20/15	LK	Y



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NY Analytical Services Protocol Format

January 22, 2016

SDG I.D.: GBK41655

Environmental Business Consultants 65 ECKFORD ST., BROOKLYN

BK41660	Magnesium	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Manganese	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Mercury	12/16/15	12/21/15	12/21/15	RS	Y
BK41660	Nickel	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Organophosphate Pesticides	12/16/15	12/18/15	12/29/15	CE	Y
BK41660	Pesticides - Soil	12/16/15	12/18/15	12/20/15	CE	Y
BK41660	Polychlorinated Biphenyls	12/16/15	12/18/15	12/19/15	AW	Y
BK41660	Potassium	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Selenium	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Semivolatiles	12/16/15	12/18/15	12/21/15	DD	Y
BK41660	Silver	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Sodium	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Thallium	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Total Cyanide (SW9010C Distill.)	12/16/15	12/18/15	12/21/15	O/GD	Y
BK41660	Vanadium	12/16/15	12/18/15	12/20/15	LK	Y
BK41660	Volatiles	12/16/15	12/19/15	12/19/15	JLI	Y
BK41660	Volatiles	12/16/15	12/21/15	12/21/15	JLI	Y
BK41660	Zinc	12/16/15	12/18/15	12/20/15	LK	Y
BK41661	1,4-dioxane	12/16/15	12/19/15	12/19/15	JLI	Y
BK41661	Aluminum	12/16/15	12/18/15	12/21/15	LK	Y
BK41661	Antimony	12/16/15	12/18/15	12/22/15	LK	Y
BK41661	Arsenic	12/16/15	12/18/15	12/22/15	LK	Y
BK41661	Barium	12/16/15	12/18/15	12/22/15	LK	Y
BK41661	Beryllium	12/16/15	12/18/15	12/22/15	LK	Y
BK41661	Cadmium	12/16/15	12/18/15	12/22/15	LK	Y
BK41661	Calcium	12/16/15	12/18/15	12/21/15	LK	Y
BK41661	Chlorinated Herbicides	12/16/15	12/18/15	12/21/15	BB	Y
BK41661	Chromium	12/16/15	12/18/15	12/22/15	LK	Y
BK41661	Cobalt	12/16/15	12/18/15	12/22/15	LK	Y
BK41661	Copper	12/16/15	12/18/15	12/21/15	LK	Y
BK41661	Iron	12/16/15	12/18/15	12/21/15	LK	Y
BK41661	Lead	12/16/15	12/18/15	12/21/15	LK	Y
BK41661	Magnesium	12/16/15	12/18/15	12/22/15	LK	Y
BK41661	Manganese	12/16/15	12/18/15	12/21/15	LK	Y
BK41661	Mercury	12/16/15	12/21/15	12/21/15	RS	Y
BK41661	Nickel	12/16/15	12/18/15	12/22/15	LK	Y
BK41661	Organophosphate Pesticides	12/16/15	12/18/15	12/29/15	CE	Y



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NY Analytical Services Protocol Format

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SDG I.D.: GBK41655

Environmental Business Consultants 65 ECKFORD ST., BROOKLYN

BK41661	Pesticides - Soil	12/16/15	12/18/15	12/20/15	CE	Y
BK41661	Polychlorinated Biphenyls	12/16/15	12/18/15	12/19/15	AW	Y
BK41661	Potassium	12/16/15	12/18/15	12/22/15	LK	Y
BK41661	Selenium	12/16/15	12/18/15	12/22/15	LK	Y
BK41661	Semivolatiles	12/16/15	12/18/15	12/21/15	DD	Y
BK41661	Silver	12/16/15	12/18/15	12/22/15	LK	Y
BK41661	Sodium	12/16/15	12/18/15	12/21/15	LK	Y
BK41661	Thallium	12/16/15	12/18/15	12/22/15	LK	Y
BK41661	Total Cyanide (SW9010C Distill.)	12/16/15	12/18/15	12/21/15	O/GD	Y
BK41661	Vanadium	12/16/15	12/18/15	12/22/15	LK	Y
BK41661	Volatiles	12/16/15	12/19/15	12/19/15	JLI	Y
BK41661	Volatiles	12/16/15	12/19/15	12/19/15	JLI	Y
BK41661	Zinc	12/16/15	12/18/15	12/21/15	LK	Y
BK41662	1,4-dioxane	12/16/15	12/21/15	12/21/15	JLI	Y
BK41662	Aluminum	12/16/15	12/18/15	12/21/15	LK	Y
BK41662	Antimony	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Arsenic	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Barium	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Beryllium	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Cadmium	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Calcium	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Chlorinated Herbicides	12/16/15	12/18/15	12/21/15	BB	Y
BK41662	Chromium	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Cobalt	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Copper	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Iron	12/16/15	12/18/15	12/21/15	LK	Y
BK41662	Lead	12/16/15	12/18/15	12/21/15	LK	Y
BK41662	Magnesium	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Manganese	12/16/15	12/18/15	12/21/15	LK	Y
BK41662	Mercury	12/16/15	12/21/15	12/21/15	RS	Y
BK41662	Nickel	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Organophosphate Pesticides	12/16/15	12/18/15	12/29/15	CE	Y
BK41662	Pesticides - Soil	12/16/15	12/23/15	12/24/15	CE	Y
BK41662	Polychlorinated Biphenyls	12/16/15	12/18/15	12/19/15	AW	Y
BK41662	Potassium	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Selenium	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Semivolatiles	12/16/15	12/18/15	12/21/15	DD	Y



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BK41662	Silver	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Sodium	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Thallium	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Total Cyanide (SW9010C Distill.)	12/16/15	12/18/15	12/21/15	O/GD	Y
BK41662	Vanadium	12/16/15	12/18/15	12/22/15	LK	Y
BK41662	Volatiles	12/16/15	12/21/15	12/21/15	JLI	Y
BK41662	Volatiles	12/16/15	12/21/15	12/21/15	JLI	Y
BK41662	Zinc	12/16/15	12/18/15	12/21/15	LK	Y
BK41663	1,4-dioxane	12/16/15	12/21/15	12/21/15	JLI	Y
BK41663	Aluminum	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Antimony	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Arsenic	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Barium	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Beryllium	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Cadmium	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Calcium	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Chlorinated Herbicides	12/16/15	12/18/15	12/21/15	BB	Y
BK41663	Chromium	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Cobalt	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Copper	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Iron	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Lead	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Magnesium	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Manganese	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Mercury	12/16/15	12/21/15	12/21/15	RS	Y
BK41663	Nickel	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Organophosphate Pesticides	12/16/15	12/18/15	12/29/15	CE	Y
BK41663	Pesticides - Soil	12/16/15	12/18/15	12/20/15	CE	Y
BK41663	Polychlorinated Biphenyls	12/16/15	12/18/15	12/19/15	AW	Y
BK41663	Potassium	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Selenium	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Semivolatiles	12/16/15	12/18/15	12/21/15	DD	Y
BK41663	Silver	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Sodium	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Thallium	12/16/15	12/18/15	12/22/15	LK	Y
BK41663	Total Cyanide (SW9010C Distill.)	12/16/15	12/18/15	12/21/15	O/GD	Y
BK41663	Vanadium	12/16/15	12/18/15	12/22/15	LK	Y



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BK41663	Volatiles	12/16/15	12/21/15	12/21/15	JLI	Y
BK41663	Volatiles	12/16/15	12/21/15	12/21/15	JLI	Y
BK41663	Zinc	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	1,4-dioxane	12/16/15	12/19/15	12/19/15	JLI	Y
BK41664	Aluminum	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Antimony	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Arsenic	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Barium	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Beryllium	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Cadmium	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Calcium	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Chlorinated Herbicides	12/16/15	12/18/15	12/21/15	BB	Y
BK41664	Chromium	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Cobalt	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Copper	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Iron	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Lead	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Magnesium	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Manganese	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Mercury	12/16/15	12/21/15	12/21/15	RS	Y
BK41664	Nickel	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Organophosphate Pesticides	12/16/15	12/18/15	12/29/15	CE	Y
BK41664	Pesticides - Soil	12/16/15	12/18/15	12/23/15	CE	Y
BK41664	Polychlorinated Biphenyls	12/16/15	12/18/15	12/19/15	AW	Y
BK41664	Potassium	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Selenium	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Semivolatiles	12/16/15	12/18/15	12/21/15	DD	Y
BK41664	Silver	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Sodium	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Thallium	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Total Cyanide (SW9010C Distill.)	12/16/15	12/18/15	12/21/15	O/GD	Y
BK41664	Vanadium	12/16/15	12/18/15	12/22/15	LK	Y
BK41664	Volatiles	12/16/15	12/19/15	12/19/15	JLI	Y
BK41664	Volatiles	12/16/15	12/21/15	12/21/15	JLI	Y
BK41664	Zinc	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	1,4-dioxane	12/16/15	12/19/15	12/19/15	JLI	Y
BK41665	Aluminum	12/16/15	12/18/15	12/21/15	LK	Y



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BK41665	Antimony	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Arsenic	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Barium	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Beryllium	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Cadmium	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Calcium	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Chlorinated Herbicides	12/16/15	12/18/15	12/21/15	BB	Y
BK41665	Chromium	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Cobalt	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Copper	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Iron	12/16/15	12/18/15	12/21/15	LK	Y
BK41665	Lead	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Magnesium	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Manganese	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Mercury	12/16/15	12/21/15	12/22/15	RS	Y
BK41665	Nickel	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Organophosphate Pesticides	12/16/15	12/18/15	12/29/15	CE	Y
BK41665	Pesticides - Soil	12/16/15	12/18/15	12/20/15	CE	Y
BK41665	Polychlorinated Biphenyls	12/16/15	12/18/15	12/19/15	AW	Y
BK41665	Potassium	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Selenium	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Semivolatiles	12/16/15	12/18/15	12/21/15	DD	Y
BK41665	Silver	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Sodium	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Thallium	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Total Cyanide (SW9010C Distill.)	12/16/15	12/18/15	12/21/15	O/GD	Y
BK41665	Vanadium	12/16/15	12/18/15	12/22/15	LK	Y
BK41665	Volatiles	12/16/15	12/19/15	12/19/15	JLI	Y
BK41665	Volatiles	12/16/15	12/19/15	12/19/15	JLI	Y
BK41665	Zinc	12/16/15	12/18/15	12/22/15	LK	Y



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SDG Comments

January 22, 2016

SDG I.D.: GBK41655

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

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



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Analysis Report

January 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: LB
Analyzed by: see "By" below

Date

12/16/15 14:00
12/18/15 17:00

Time

Laboratory Data

SDG ID: GBK41655
Phoenix ID: BK41655

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB1 11-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	79			%		12/18/15	LK	SW846-%Solid
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Field Extraction	Completed					12/16/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C
1,1,1-Trichloroethane	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C
1,1,2-Trichloroethane	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C
1,1-Dichloroethane	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C
1,1-Dichloroethene	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C
1,1-Dichloropropene	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2,3-Trichloropropane	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	3500	890	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2-Dibromoethane	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2-Dichlorobenzene	ND	1000	890	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2-Dichloroethane	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2-Dichloropropane	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	8000	890	ug/Kg	1000	12/19/15	J/P	SW8260C
1,3-Dichlorobenzene	ND	2000	890	ug/Kg	1000	12/19/15	J/P	SW8260C
1,3-Dichloropropane	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C
1,4-Dichlorobenzene	ND	1800	890	ug/Kg	1000	12/19/15	J/P	SW8260C
2,2-Dichloropropane	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C
2-Chlorotoluene	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C
2-Hexanone	ND	45000	8900	ug/Kg	1000	12/19/15	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	6300	J 8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	1
4-Chlorotoluene	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
4-Methyl-2-pentanone	ND	45000	8900	ug/Kg	1000	12/19/15	J/P	SW8260C	
Acetone	10000	JBS 89000	8900	ug/Kg	1000	12/19/15	J/P	SW8260C	B
Acrylonitrile	ND	18000	1800	ug/Kg	1000	12/19/15	J/P	SW8260C	
Benzene	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Bromobenzene	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Bromochloromethane	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Bromodichloromethane	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C	
Bromoform	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C	
Bromomethane	ND	8900	3600	ug/Kg	1000	12/19/15	J/P	SW8260C	
Carbon Disulfide	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C	
Carbon tetrachloride	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C	
Chlorobenzene	8000	J 8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Chloroethane	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Chloroform	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Chloromethane	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C	
cis-1,2-Dichloroethene	1900	J 8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
cis-1,3-Dichloropropene	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Dibromochloromethane	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C	
Dibromomethane	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C	
Dichlorodifluoromethane	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Ethylbenzene	2900	J 8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Hexachlorobutadiene	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Isopropylbenzene	4800	J 8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
m&p-Xylene	5700	J 8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C	
Methyl Ethyl Ketone	ND	54000	8900	ug/Kg	1000	12/19/15	J/P	SW8260C	
Methyl t-butyl ether (MTBE)	ND	18000	1800	ug/Kg	1000	12/19/15	J/P	SW8260C	
Methylene chloride	ND	8900	8900	ug/Kg	1000	12/19/15	J/P	SW8260C	
Naphthalene	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C	
n-Butylbenzene	10000	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
n-Propylbenzene	4800	J 8900	1600	ug/Kg	1000	12/19/15	J/P	SW8260C	
o-Xylene	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C	
p-Isopropyltoluene	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
sec-Butylbenzene	18000	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Styrene	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
tert-Butylbenzene	3400	J 5000	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Tetrachloroethene	ND	1300	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Tetrahydrofuran (THF)	ND	18000	4500	ug/Kg	1000	12/19/15	J/P	SW8260C	1
Toluene	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
trans-1,2-Dichloroethene	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
trans-1,3-Dichloropropene	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
trans-1,4-dichloro-2-butene	ND	18000	4500	ug/Kg	1000	12/19/15	J/P	SW8260C	
Trichloroethene	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Trichlorofluoromethane	ND	8900	1800	ug/Kg	1000	12/19/15	J/P	SW8260C	
Trichlorotrifluoroethane	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
Vinyl chloride	ND	8900	890	ug/Kg	1000	12/19/15	J/P	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	103			%	1000	12/19/15	J/P	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	121			%	1000	12/19/15	J/P	70 - 130 %
% Dibromofluoromethane	96			%	1000	12/19/15	J/P	70 - 130 %
% Toluene-d8	100			%	1000	12/19/15	J/P	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	180000	72000	ug/kg	1000	12/19/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1000	12/19/15	JLI	70 - 130 %
% Bromofluorobenzene	121			%	1000	12/19/15	JLI	70 - 130 %
% Toluene-d8	100			%	1000	12/19/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	36000	1800	ug/Kg	1000	12/19/15	JLI	SW8260C
Acrolein	ND	36000	4500	ug/Kg	1000	12/19/15	JLI	SW8260C
Acrylonitrile	ND	36000	890	ug/Kg	1000	12/19/15	JLI	SW8260C
Tert-butyl alcohol	ND	180000	36000	ug/Kg	1000	12/19/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	820	290	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	290	160	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Chlorophenol	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	290	190	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	820	420	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	290	260	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	820	190	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	820	820	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2100	440	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	330	190	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	820	140	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	410	190	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	380	290	120	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	1200	1200	ug/Kg	1	12/19/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	330	330	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	180	J 290	130	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	410	290	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	820	240	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	610	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	530	290	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	510	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	580	290	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	2100	820	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	290	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	510	290	120	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	2100	310	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	510	290	140	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	290	110	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	290	110	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	760	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	240	J 290	140	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	290	150	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	510	290	140	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
Nitrobenzene	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	290	150	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	290	160	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	190	J 290	120	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	770	290	140	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	290	100	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	94			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	73			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	47			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	72			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	52			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	78			%	1	12/19/15	DD	30 - 130 %

1

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

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.

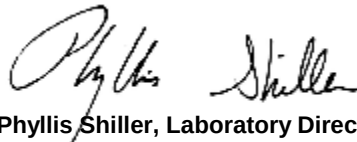
Volatile Comment:

Due to the presence of a large amount of non-target petroleum material, this sample required a dilution. 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

January 22, 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

January 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: LB
 Analyzed by: see "By" below

Date

12/16/15
 12/18/15

Time

13:00
 17:00

Laboratory Data

SDG ID: GBK41655
 Phoenix ID: BK41656

Project ID: 65 ECKFORD ST., BROOKLYN
 Client ID: 15SB3 11-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	76			%		12/18/15	LK	SW846-%Solid
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Field Extraction	Completed					12/16/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C
2-Chlorotoluene	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C
2-Hexanone	ND	31	6.2	ug/Kg	1	12/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	1
4-Chlorotoluene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	31	6.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Acetone	29	JS 50	6.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Acrylonitrile	ND	12	1.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Benzene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
Bromobenzene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
Bromochloromethane	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
Bromodichloromethane	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Bromoform	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Bromomethane	ND	6.2	2.5	ug/Kg	1	12/21/15	JLI	SW8260C	
Carbon Disulfide	1.2	J 6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Carbon tetrachloride	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Chlorobenzene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
Chloroethane	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
Chloroform	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
Chloromethane	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
Dibromochloromethane	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Dibromomethane	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
Ethylbenzene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
Hexachlorobutadiene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
Isopropylbenzene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
m&p-Xylene	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	37	6.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	1.2	J 12	1.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Methylene chloride	ND	6.2	6.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Naphthalene	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C	
n-Butylbenzene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
n-Propylbenzene	ND	6.2	1.1	ug/Kg	1	12/21/15	JLI	SW8260C	
o-Xylene	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C	
p-Isopropyltoluene	0.63	J 6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
sec-Butylbenzene	0.83	J 6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
Styrene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
tert-Butylbenzene	2.6	J 6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
Tetrachloroethene	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	12	3.1	ug/Kg	1	12/21/15	JLI	SW8260C	1
Toluene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	12	3.1	ug/Kg	1	12/21/15	JLI	SW8260C	
Trichloroethene	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
Trichlorofluoromethane	ND	6.2	1.2	ug/Kg	1	12/21/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
Vinyl chloride	ND	6.2	0.62	ug/Kg	1	12/21/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103			%	1	12/21/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	113			%	1	12/21/15	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	12/21/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	12/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	49	ug/kg	1	12/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	12/21/15	JLI	70 - 130 %
% Bromofluorobenzene	113			%	1	12/21/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	12/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	25	1.2	ug/Kg	1	12/21/15	JLI	SW8260C
Acrolein	ND	25	3.1	ug/Kg	1	12/21/15	JLI	SW8260C
Acrylonitrile	ND	25	0.62	ug/Kg	1	12/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	120	25	ug/Kg	1	12/21/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	1	12/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	300	240	ug/Kg	1	12/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	300	150	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	860	300	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrotoluene	ND	300	170	ug/Kg	1	12/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D
2-Chloronaphthalene	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
2-Chlorophenol	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylnaphthalene	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitroaniline	ND	860	430	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitrophenol	ND	300	270	ug/Kg	1	12/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	1	12/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	860	200	ug/Kg	1	12/21/15	DD	SW8270D
3-Nitroaniline	ND	860	860	ug/Kg	1	12/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2200	460	ug/Kg	1	12/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloroaniline	ND	340	200	ug/Kg	1	12/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitroaniline	ND	860	140	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitrophenol	ND	430	190	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthene	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthylene	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Acetophenone	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	340	340	ug/Kg	1	12/21/15	DD	SW8270D
Anthracene	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Benz(a)anthracene	220	J 300	140	ug/Kg	1	12/21/15	DD	SW8270D
Benzidine	ND	860	250	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(a)pyrene	230	J 300	140	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(b)fluoranthene	200	J 300	150	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(k)fluoranthene	180	J 300	140	ug/Kg	1	12/21/15	DD	SW8270D
Benzoic acid	ND	2200	860	ug/Kg	1	12/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Carbazole	ND	2200	330	ug/Kg	1	12/21/15	DD	SW8270D
Chrysene	260	J 300	140	ug/Kg	1	12/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Dibenzofuran	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
Diethyl phthalate	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Dimethylphthalate	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-butylphthalate	ND	300	110	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-octylphthalate	ND	300	110	ug/Kg	1	12/21/15	DD	SW8270D
Fluoranthene	460	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Fluorene	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobenzene	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobutadiene	ND	300	160	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
Hexachloroethane	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	150	J 300	140	ug/Kg	1	12/21/15	DD	SW8270D
Isophorone	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Naphthalene	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Nitrobenzene	ND	300	150	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	300	170	ug/Kg	1	12/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	300	160	ug/Kg	1	12/21/15	DD	SW8270D
Pentachlorophenol	ND	300	160	ug/Kg	1	12/21/15	DD	SW8270D
Phenanthrene	420	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Phenol	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Pyrene	440	300	150	ug/Kg	1	12/21/15	DD	SW8270D
Pyridine	ND	300	110	ug/Kg	1	12/21/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	65			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	49			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorophenol	42			%	1	12/21/15	DD	30 - 130 %
% Nitrobenzene-d5	55			%	1	12/21/15	DD	30 - 130 %
% Phenol-d5	60			%	1	12/21/15	DD	30 - 130 %
% Terphenyl-d14	59			%	1	12/21/15	DD	30 - 130 %

1

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

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.

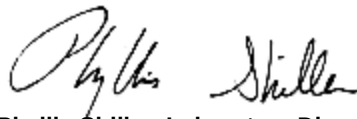
Comments:

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.

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

January 22, 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

January 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: LB
Analyzed by: see "By" below

Date

12/16/15
12/18/15

Time

15:00
17:00

Laboratory Data

SDG ID: GBK41655
Phoenix ID: BK41657

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB5 11-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	75			%		12/18/15	LK	SW846-%Solid
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Field Extraction	Completed					12/16/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C
1,1,1-Trichloroethane	ND	680	680	ug/Kg	1000	12/19/15	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C
1,1,2-Trichloroethane	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C
1,1-Dichloroethane	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C
1,1-Dichloroethene	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C
1,1-Dichloropropene	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2,3-Trichloropropane	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2,4-Trimethylbenzene	1500	J 3500	690	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2-Dibromoethane	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2-Dichlorobenzene	ND	1000	690	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2-Dichloroethane	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C
1,2-Dichloropropane	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C
1,3-Dichlorobenzene	ND	1000	690	ug/Kg	1000	12/19/15	J/P	SW8260C
1,3-Dichloropropane	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C
1,4-Dichlorobenzene	ND	1000	690	ug/Kg	1000	12/19/15	J/P	SW8260C
2,2-Dichloropropane	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C
2-Chlorotoluene	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C
2-Hexanone	ND	35000	6900	ug/Kg	1000	12/19/15	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	11000	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	1
4-Chlorotoluene	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
4-Methyl-2-pentanone	ND	35000	6900	ug/Kg	1000	12/19/15	J/P	SW8260C	
Acetone	ND	69000	6900	ug/Kg	1000	12/19/15	J/P	SW8260C	B
Acrylonitrile	ND	14000	1400	ug/Kg	1000	12/19/15	J/P	SW8260C	
Benzene	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
Bromobenzene	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
Bromochloromethane	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
Bromodichloromethane	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C	
Bromoform	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C	
Bromomethane	ND	6900	2800	ug/Kg	1000	12/19/15	J/P	SW8260C	
Carbon Disulfide	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C	
Carbon tetrachloride	ND	690	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
Chlorobenzene	ND	1000	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
Chloroethane	3300	J 6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
Chloroform	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
Chloromethane	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C	
cis-1,2-Dichloroethene	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
cis-1,3-Dichloropropene	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
Dibromochloromethane	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C	
Dibromomethane	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C	
Dichlorodifluoromethane	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
Ethylbenzene	ND	1000	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
Hexachlorobutadiene	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
Isopropylbenzene	1700	J 6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
m&p-Xylene	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C	
Methyl Ethyl Ketone	ND	42000	6900	ug/Kg	1000	12/19/15	J/P	SW8260C	
Methyl t-butyl ether (MTBE)	ND	830	830	ug/Kg	1000	12/19/15	J/P	SW8260C	
Methylene chloride	ND	6900	6900	ug/Kg	1000	12/19/15	J/P	SW8260C	
Naphthalene	1600	J 6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C	
n-Butylbenzene	6300	J 6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
n-Propylbenzene	2600	J 3900	1200	ug/Kg	1000	12/19/15	J/P	SW8260C	
o-Xylene	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C	
p-Isopropyltoluene	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
sec-Butylbenzene	26000	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
Styrene	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
tert-Butylbenzene	6100	J 6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
Tetrachloroethene	ND	1200	1200	ug/Kg	1000	12/19/15	J/P	SW8260C	
Tetrahydrofuran (THF)	ND	14000	3500	ug/Kg	1000	12/19/15	J/P	SW8260C	1
Toluene	ND	700	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
trans-1,2-Dichloroethene	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
trans-1,3-Dichloropropene	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
trans-1,4-dichloro-2-butene	ND	14000	3500	ug/Kg	1000	12/19/15	J/P	SW8260C	
Trichloroethene	ND	470	470	ug/Kg	1000	12/19/15	J/P	SW8260C	
Trichlorofluoromethane	ND	6900	1400	ug/Kg	1000	12/19/15	J/P	SW8260C	
Trichlorotrifluoroethane	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
Vinyl chloride	ND	6900	690	ug/Kg	1000	12/19/15	J/P	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	102			%	1000	12/19/15	J/P	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	148			%	1000	12/19/15	J/P	70 - 130 %	3
% Dibromofluoromethane	96			%	1000	12/19/15	J/P	70 - 130 %	
% Toluene-d8	100			%	1000	12/19/15	J/P	70 - 130 %	
<u>1,4-dioxane</u>									
1,4-dioxane	ND	140000	55000	ug/kg	1000	12/19/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	102			%	1000	12/19/15	JLI	70 - 130 %	3
% Bromofluorobenzene	148			%	1000	12/19/15	JLI	70 - 130 %	
% Toluene-d8	100			%	1000	12/19/15	JLI	70 - 130 %	
<u>Volatiles</u>									
1,1,1,2-Tetrachloroethane	ND	28000	1400	ug/Kg	1000	12/19/15	JLI	SW8260C	
Acrolein	ND	28000	3500	ug/Kg	1000	12/19/15	JLI	SW8260C	
Acrylonitrile	ND	28000	690	ug/Kg	1000	12/19/15	JLI	SW8260C	
Tert-butyl alcohol	ND	140000	28000	ug/Kg	1000	12/19/15	JLI	SW8260C	
<u>Semivolatiles</u>									
1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	1	12/21/15	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D	
1,2-Dichlorobenzene	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D	
1,2-Diphenylhydrazine	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D	
1,3-Dichlorobenzene	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D	
1,4-Dichlorobenzene	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D	
2,4,5-Trichlorophenol	ND	300	240	ug/Kg	1	12/21/15	DD	SW8270D	
2,4,6-Trichlorophenol	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D	
2,4-Dichlorophenol	ND	300	150	ug/Kg	1	12/21/15	DD	SW8270D	
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	12/21/15	DD	SW8270D	
2,4-Dinitrophenol	ND	860	300	ug/Kg	1	12/21/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	300	170	ug/Kg	1	12/21/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D	
2-Chloronaphthalene	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D	
2-Chlorophenol	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D	
2-Methylnaphthalene	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	1	12/21/15	DD	SW8270D	
2-Nitroaniline	ND	860	440	ug/Kg	1	12/21/15	DD	SW8270D	
2-Nitrophenol	ND	300	270	ug/Kg	1	12/21/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	1	12/21/15	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	860	200	ug/Kg	1	12/21/15	DD	SW8270D	
3-Nitroaniline	ND	860	860	ug/Kg	1	12/21/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	2200	460	ug/Kg	1	12/21/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	12/21/15	DD	SW8270D	
4-Chloroaniline	ND	350	200	ug/Kg	1	12/21/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	300	150	ug/Kg	1	12/21/15	DD	SW8270D	
4-Nitroaniline	ND	860	140	ug/Kg	1	12/21/15	DD	SW8270D	
4-Nitrophenol	ND	430	200	ug/Kg	1	12/21/15	DD	SW8270D	
Acenaphthene	1400	300	130	ug/Kg	1	12/21/15	DD	SW8270D	
Acenaphthylene	180	J 300	120	ug/Kg	1	12/21/15	DD	SW8270D	
Acetophenone	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	350	350	ug/Kg	1	12/21/15	DD	SW8270D
Anthracene	780	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Benz(a)anthracene	1100	300	150	ug/Kg	1	12/21/15	DD	SW8270D
Benzidine	ND	860	250	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(a)pyrene	1200	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(b)fluoranthene	880	300	150	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(ghi)perylene	670	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(k)fluoranthene	840	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Benzoic acid	ND	2200	860	ug/Kg	1	12/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	770	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Carbazole	ND	2200	330	ug/Kg	1	12/21/15	DD	SW8270D
Chrysene	1200	300	150	ug/Kg	1	12/21/15	DD	SW8270D
Dibenz(a,h)anthracene	170	J 300	140	ug/Kg	1	12/21/15	DD	SW8270D
Dibenzofuran	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
Diethyl phthalate	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Dimethylphthalate	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-butylphthalate	ND	300	110	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-octylphthalate	ND	300	110	ug/Kg	1	12/21/15	DD	SW8270D
Fluoranthene	2200	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Fluorene	1000	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobenzene	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobutadiene	ND	300	160	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
Hexachloroethane	ND	300	130	ug/Kg	1	12/21/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	550	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Isophorone	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Naphthalene	7900	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Nitrobenzene	ND	300	150	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	300	120	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	300	170	ug/Kg	1	12/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	300	160	ug/Kg	1	12/21/15	DD	SW8270D
Pentachlorophenol	ND	300	160	ug/Kg	1	12/21/15	DD	SW8270D
Phenanthrene	3900	300	120	ug/Kg	1	12/21/15	DD	SW8270D
Phenol	ND	300	140	ug/Kg	1	12/21/15	DD	SW8270D
Pyrene	3400	300	150	ug/Kg	1	12/21/15	DD	SW8270D
Pyridine	ND	300	110	ug/Kg	1	12/21/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	76			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	54			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorophenol	20			%	1	12/21/15	DD	30 - 130 %
% Nitrobenzene-d5	50			%	1	12/21/15	DD	30 - 130 %
% Phenol-d5	50			%	1	12/21/15	DD	30 - 130 %
% Terphenyl-d14	65			%	1	12/21/15	DD	30 - 130 %

1

3

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

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 (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.

Semi-Volatile Comment:

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

Volatile Comment:

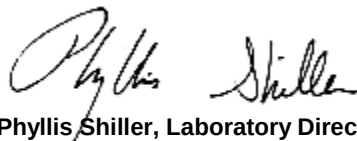
Due to the presence of a large amount of non-target petroleum material, this sample required a dilution. Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

One or more surrogate recoveries were outside control limits 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

January 22, 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

January 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: LB
Analyzed by: see "By" below

Date

12/16/15

Time

17:00

Laboratory Data

SDG ID: GBK41655
Phoenix ID: BK41658

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					12/16/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
1,1-Dichloroethane	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
1,1-Dichloroethene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
1,1-Dichloropropene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
1,2-Dibromoethane	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
1,2-Dichloroethane	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
1,2-Dichloropropane	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
1,3-Dichloropropane	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
2,2-Dichloropropane	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
2-Chlorotoluene	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
2-Hexanone	ND	1300	250	ug/Kg	50	12/19/15	JLI	SW8260C
2-Isopropyltoluene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
4-Chlorotoluene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	12/19/15	JLI	SW8260C
Acetone	310	JBS 2500	250	ug/Kg	50	12/19/15	JLI	SW8260C
Acrylonitrile	ND	500	50	ug/Kg	50	12/19/15	JLI	SW8260C
Benzene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
Bromobenzene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
Bromochloromethane	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
Bromodichloromethane	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
Bromoform	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
Bromomethane	ND	250	100	ug/Kg	50	12/19/15	JLI	SW8260C
Carbon Disulfide	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
Carbon tetrachloride	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
Chlorobenzene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
Chloroethane	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
Chloroform	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
Chloromethane	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
Dibromochloromethane	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
Dibromomethane	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
Ethylbenzene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
Hexachlorobutadiene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
Isopropylbenzene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
m&p-Xylene	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	1500	250	ug/Kg	50	12/19/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	500	50	ug/Kg	50	12/19/15	JLI	SW8260C
Methylene chloride	ND	250	250	ug/Kg	50	12/19/15	JLI	SW8260C
Naphthalene	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
n-Butylbenzene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
n-Propylbenzene	ND	250	45	ug/Kg	50	12/19/15	JLI	SW8260C
o-Xylene	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
p-Isopropyltoluene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
sec-Butylbenzene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
Styrene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
tert-Butylbenzene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
Tetrachloroethene	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	12/19/15	JLI	SW8260C
Toluene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	12/19/15	JLI	SW8260C
Trichloroethene	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
Trichlorofluoromethane	ND	250	50	ug/Kg	50	12/19/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
Vinyl chloride	ND	250	25	ug/Kg	50	12/19/15	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	50	12/19/15	JLI	70 - 130 %
% Bromofluorobenzene	99			%	50	12/19/15	JLI	70 - 130 %
% Dibromofluoromethane	92			%	50	12/19/15	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	50	12/19/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	5000	2000	ug/kg	50	12/19/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	50	12/19/15	JLI	70 - 130 %
% Bromofluorobenzene	99			%	50	12/19/15	JLI	70 - 130 %
% Toluene-d8	101			%	50	12/19/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1000	50	ug/Kg	50	12/19/15	JLI	SW8260C
Acrolein	ND	1000	130	ug/Kg	50	12/19/15	JLI	SW8260C
Acrylonitrile	ND	1000	25	ug/Kg	50	12/19/15	JLI	SW8260C
Tert-butyl alcohol	ND	5000	1000	ug/Kg	50	12/19/15	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.

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:

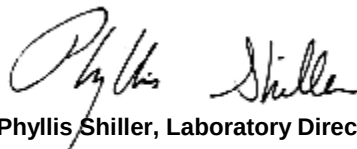
Results are reported on an ``as received`` basis, and are not corrected for dry weight.,
TRIP BLANK INCLUDED.

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

January 22, 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

January 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: LB
Analyzed by: see "By" below

Date

12/16/15

Time

17:00

Laboratory Data

SDG ID: GBK41655
Phoenix ID: BK41659

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					12/16/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C
2-Hexanone	ND	25	5.0	ug/Kg	1	12/19/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Acetone	10	JBS 50	5.0	ug/Kg	1	12/19/15	JLI	SW8260C	B*
Acrylonitrile	ND	10	1.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Benzene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
Bromobenzene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Bromoform	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Bromomethane	ND	5.0	2.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
Chloroethane	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
Chloroform	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
Chloromethane	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Dibromomethane	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	30	5.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Methylene chloride	ND	5.0	5.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Naphthalene	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C	
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
n-Propylbenzene	ND	5.0	0.90	ug/Kg	1	12/19/15	JLI	SW8260C	
o-Xylene	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C	
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
Styrene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	12/19/15	JLI	SW8260C	1
Toluene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	12/19/15	JLI	SW8260C	
Trichloroethene	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	12/19/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	12/19/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	101			%	1	12/19/15	JLI	70 - 130 %	
% Bromofluorobenzene	100			%	1	12/19/15	JLI	70 - 130 %	
% Dibromofluoromethane	93			%	1	12/19/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102			%	1	12/19/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	40	ug/kg	1	12/19/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	12/19/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	12/19/15	JLI	70 - 130 %
% Toluene-d8	102			%	1	12/19/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	12/19/15	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	12/19/15	JLI	SW8260C
Acrylonitrile	ND	20	0.50	ug/Kg	1	12/19/15	JLI	SW8260C
Tert-butyl alcohol	ND	100	20	ug/Kg	1	12/19/15	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.

B* = Present in blank, a bias is possible.

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:

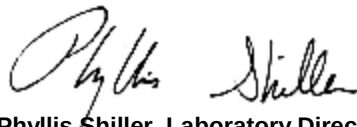
Results are reported on an ``as received`` basis, and are not corrected for dry weight., TRIP BLANK INCLUDED.

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

January 22, 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

January 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: LB
Analyzed by: see "By" below

Date

12/16/15
12/18/15

Time

14:00
17:00

Laboratory Data

SDG ID: GBK41655
Phoenix ID: BK41660

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB1 2-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.31	0.31	0.31	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	5830	31	6.2	mg/Kg	10	12/20/15	LK	SW6010C
Arsenic	4.5	* 0.6	0.62	mg/Kg	1	12/20/15	LK	SW6010C
Barium	93.0	N 0.6	0.31	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.25	0.25	0.12	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	11200	31	28	mg/Kg	10	12/20/15	LK	SW6010C
Cadmium	0.85	0.31	0.12	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	6.31	0.31	0.31	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	87.7	0.31	0.31	mg/Kg	1	12/20/15	LK	SW6010C
Copper	52.4	0.31	0.31	mg/kg	1	12/20/15	LK	SW6010C
Iron	14200	31	31	mg/Kg	10	12/20/15	LK	SW6010C
Mercury	0.72	N 0.03	0.02	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1070	N 6	2.4	mg/Kg	1	12/20/15	LK	SW6010C
Magnesium	1650	3.1	3.1	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	285	3.1	3.1	mg/Kg	10	12/20/15	LK	SW6010C
Sodium	296	N 6	2.7	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	138	3.1	3.1	mg/Kg	10	12/20/15	LK	SW6010C
Lead	228	N 6.2	3.1	mg/Kg	10	12/20/15	LK	SW6010C
Antimony	< 1.5	1.5	1.5	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 1.2	1.2	1.0	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 1.2	1.2	1.2	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	21.3	0.3	0.31	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	577	6.2	3.1	mg/Kg	10	12/20/15	LK	SW6010C
Total Cyanide (SW9010C Distill.)	0.523	0.45	0.23	mg/Kg	1	12/21/15	O/GD	SW9012B
Soil Extraction NPD Pesticides	Completed					12/18/15	TT/V	SW3545A
Soil Extraction for PCB	Completed					12/18/15	JC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	JC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					12/21/15	W/W	SW7471B
Soil Extraction for Herbicide	Completed					12/18/15	Q/K	SW8151A
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/16/15		SW5035A

Organophosphate Pesticides

Alachlor	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	1
Atrazine	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	1
Azinphos methyl	ND	40	40	ug/kg	1	12/29/15	CE	SW8141B	
Diazinon	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	
Disulfoton	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	
Malathion	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	
Simazine	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	

QA/QC Surrogates

% 1,3 dimethyl-2-nitrobenzene	30			%	1	12/29/15	CE	30 - 150 %	

Chlorinated Herbicides

2,4,5-T	ND	41	41	ug/Kg	10	12/21/15	BB	SW8151A	
2,4,5-TP (Silvex)	ND	41	41	ug/Kg	10	12/21/15	BB	SW8151A	
2,4-D	ND	41	41	ug/Kg	10	12/21/15	BB	SW8151A	
2,4-DB	ND	410	410	ug/Kg	10	12/21/15	BB	SW8151A	
Dalapon	ND	41	41	ug/Kg	10	12/21/15	BB	SW8151A	
Dicamba	ND	82	82	ug/Kg	10	12/21/15	BB	SW8151A	
Dichloroprop	ND	41	41	ug/Kg	10	12/21/15	BB	SW8151A	
Dinoseb	ND	82	82	ug/Kg	10	12/21/15	BB	SW8151A	

QA/QC Surrogates

% DCAA	50			%	10	12/21/15	BB	30 - 150 %	

Polychlorinated Biphenyls

PCB-1016	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1221	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1232	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1242	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1248	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1254	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1260	58	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1262	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1268	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	

QA/QC Surrogates

% DCBP	86			%	2	12/19/15	AW	30 - 150 %	
% TCMX	73			%	2	12/19/15	AW	30 - 150 %	

Pesticides - Soil

4,4' -DDD	ND	2.0	2.0	ug/Kg	2	12/20/15	CE	SW8081B	
4,4' -DDE	ND	2.0	2.0	ug/Kg	2	12/20/15	CE	SW8081B	
4,4' -DDT	ND	2.0	2.0	ug/Kg	2	12/20/15	CE	SW8081B	
a-BHC	ND	6.6	6.6	ug/Kg	2	12/20/15	CE	SW8081B	
a-Chlordane	ND	3.3	3.3	ug/Kg	2	12/20/15	CE	SW8081B	
Aldrin	ND	3.3	3.3	ug/Kg	2	12/20/15	CE	SW8081B	
b-BHC	ND	6.6	6.6	ug/Kg	2	12/20/15	CE	SW8081B	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Chlordane	ND	33	33	ug/Kg	2	12/20/15	CE	SW8081B
d-BHC	ND	6.6	6.6	ug/Kg	2	12/20/15	CE	SW8081B
Dieldrin	ND	3.3	3.3	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan I	ND	6.6	6.6	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan II	ND	6.6	6.6	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan sulfate	ND	6.6	6.6	ug/Kg	2	12/20/15	CE	SW8081B
Endrin	ND	6.6	6.6	ug/Kg	2	12/20/15	CE	SW8081B
Endrin aldehyde	ND	6.6	6.6	ug/Kg	2	12/20/15	CE	SW8081B
Endrin ketone	ND	6.6	6.6	ug/Kg	2	12/20/15	CE	SW8081B
g-BHC	ND	1.3	1.3	ug/Kg	2	12/20/15	CE	SW8081B
g-Chlordane	ND	3.3	3.3	ug/Kg	2	12/20/15	CE	SW8081B
Heptachlor	ND	6.6	6.6	ug/Kg	2	12/20/15	CE	SW8081B
Heptachlor epoxide	ND	6.6	6.6	ug/Kg	2	12/20/15	CE	SW8081B
Methoxychlor	ND	33	33	ug/Kg	2	12/20/15	CE	SW8081B
Toxaphene	ND	130	130	ug/Kg	2	12/20/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	64			%	2	12/20/15	CE	30 - 150 %
% TCMX	60			%	2	12/20/15	CE	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
1,1-Dichloroethane	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
1,1-Dichloroethene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
1,1-Dichloropropene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dibromoethane	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dichloroethane	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dichloropropane	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
1,3-Dichloropropane	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
2,2-Dichloropropane	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
2-Chlorotoluene	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
2-Hexanone	ND	18	3.5	ug/Kg	1	12/19/15	JLI	SW8260C
2-Isopropyltoluene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
4-Chlorotoluene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	18	3.5	ug/Kg	1	12/19/15	JLI	SW8260C
Acetone	9.3	JBS	35	ug/Kg	1	12/19/15	JLI	SW8260C
Acrylonitrile	ND		7.0	ug/Kg	1	12/19/15	JLI	SW8260C
Benzene	0.45	J	3.5	ug/Kg	1	12/19/15	JLI	SW8260C
Bromobenzene	ND		3.5	ug/Kg	1	12/19/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromochloromethane	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
Bromodichloromethane	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
Bromoform	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
Bromomethane	ND	3.5	1.4	ug/Kg	1	12/19/15	JLI	SW8260C
Carbon Disulfide	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
Carbon tetrachloride	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
Chlorobenzene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
Chloroethane	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
Chloroform	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
Chloromethane	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
cis-1,2-Dichloroethene	430	300	30	ug/Kg	50	12/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
Dibromochloromethane	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
Dibromomethane	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
Dichlorodifluoromethane	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
Ethylbenzene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
Hexachlorobutadiene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
Isopropylbenzene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
m&p-Xylene	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	21	3.5	ug/Kg	1	12/19/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.0	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
Methylene chloride	ND	3.5	3.5	ug/Kg	1	12/19/15	JLI	SW8260C
Naphthalene	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
n-Butylbenzene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
n-Propylbenzene	ND	3.5	0.63	ug/Kg	1	12/19/15	JLI	SW8260C
o-Xylene	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
p-Isopropyltoluene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
sec-Butylbenzene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
Styrene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
tert-Butylbenzene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
Tetrachloroethene	120	J 300	60	ug/Kg	50	12/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.0	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Toluene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
trans-1,2-Dichloroethene	1.2	J 3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.0	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Trichloroethene	6600	300	30	ug/Kg	50	12/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	3.5	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
Vinyl chloride	1.0	J 3.5	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	12/19/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	12/19/15	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	12/19/15	JLI	70 - 130 %
% Toluene-d8	109			%	1	12/19/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	70	28	ug/kg	1	12/19/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	12/19/15	JLI	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	100			%	1	12/19/15	JLI	70 - 130 %
% Toluene-d8	109			%	1	12/19/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	14	0.70	ug/Kg	1	12/19/15	JLI	SW8260C
Acrolein	ND	14	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Acrylonitrile	ND	14	0.35	ug/Kg	1	12/19/15	JLI	SW8260C
Tert-butyl alcohol	ND	70	14	ug/Kg	1	12/19/15	JLI	SW8260C

Volatile Library Search Completed 12/21/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	230	99	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	230	93	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	230	97	ug/Kg	1	12/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	230	97	ug/Kg	1	12/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	230	180	ug/Kg	1	12/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	230	81	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	660	230	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrotoluene	ND	230	130	ug/Kg	1	12/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
2-Chloronaphthalene	ND	230	93	ug/Kg	1	12/21/15	DD	SW8270D
2-Chlorophenol	ND	230	93	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylnaphthalene	ND	230	98	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	230	150	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitroaniline	ND	660	330	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitrophenol	ND	230	210	ug/Kg	1	12/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	230	130	ug/Kg	1	12/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	660	150	ug/Kg	1	12/21/15	DD	SW8270D
3-Nitroaniline	ND	660	660	ug/Kg	1	12/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1600	350	ug/Kg	1	12/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	230	97	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloroaniline	ND	260	150	ug/Kg	1	12/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitroaniline	ND	660	110	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitrophenol	ND	330	150	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthene	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthylene	96	J 230	92	ug/Kg	1	12/21/15	DD	SW8270D
Acetophenone	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Aniline	ND	260	260	ug/Kg	1	12/21/15	DD	SW8270D
Anthracene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benz(a)anthracene	170	J 230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benzidine	ND	660	190	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(a)pyrene	230	J 230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(b)fluoranthene	480	230	110	ug/Kg	1	12/21/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(ghi)perylene	610	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(k)fluoranthene	400	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benzoic acid	ND	1600	660	ug/Kg	1	12/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	230	85	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	230	91	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	230	89	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	230	91	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	230	95	ug/Kg	1	12/21/15	DD	SW8270D
Carbazole	ND	1600	250	ug/Kg	1	12/21/15	DD	SW8270D
Chrysene	310	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Dibenz(a,h)anthracene	130	J 230	110	ug/Kg	1	12/21/15	DD	SW8270D
Dibenzofuran	ND	230	96	ug/Kg	1	12/21/15	DD	SW8270D
Diethyl phthalate	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Dimethylphthalate	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-butylphthalate	ND	230	87	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-octylphthalate	ND	230	85	ug/Kg	1	12/21/15	DD	SW8270D
Fluoranthene	250	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Fluorene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobenzene	ND	230	96	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobutadiene	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Hexachloroethane	ND	230	98	ug/Kg	1	12/21/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	630	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Isophorone	ND	230	92	ug/Kg	1	12/21/15	DD	SW8270D
Naphthalene	ND	230	95	ug/Kg	1	12/21/15	DD	SW8270D
Nitrobenzene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	230	93	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	230	130	ug/Kg	1	12/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
Pentachlorophenol	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
Phenanthrene	120	J 230	94	ug/Kg	1	12/21/15	DD	SW8270D
Phenol	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Pyrene	190	J 230	110	ug/Kg	1	12/21/15	DD	SW8270D
Pyridine	ND	230	81	ug/Kg	1	12/21/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	76			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	75			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorophenol	40			%	1	12/21/15	DD	30 - 130 %
% Nitrobenzene-d5	89			%	1	12/21/15	DD	30 - 130 %
% Phenol-d5	65			%	1	12/21/15	DD	30 - 130 %
% Terphenyl-d14	66			%	1	12/21/15	DD	30 - 130 %
Semivolatile Library Search	Completed					12/21/15	DD	

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

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.

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:

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

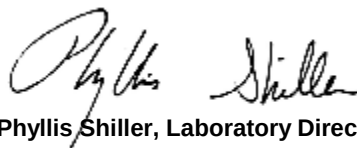
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

January 22, 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

January 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: LB
Analyzed by: see "By" below

Date

12/16/15
12/18/15

Time

13:00
17:00

Laboratory Data

SDG ID: GBK41655
Phoenix ID: BK41661

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB3 2-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34	0.34	0.34	mg/Kg	1	12/22/15	LK	SW6010C
Aluminum	6170	34	6.8	mg/Kg	10	12/21/15	LK	SW6010C
Arsenic	13.4	0.7	0.68	mg/Kg	1	12/22/15	LK	SW6010C
Barium	743	0.7	0.34	mg/Kg	1	12/22/15	LK	SW6010C
Beryllium	0.53	0.27	0.14	mg/Kg	1	12/22/15	LK	SW6010C
Calcium	14100	34	32	mg/Kg	10	12/21/15	LK	SW6010C
Cadmium	1.28	0.34	0.14	mg/Kg	1	12/22/15	LK	SW6010C
Cobalt	7.15	0.34	0.34	mg/Kg	1	12/22/15	LK	SW6010C
Chromium	19.0	0.34	0.34	mg/Kg	1	12/22/15	LK	SW6010C
Copper	938	3.4	3.4	mg/kg	10	12/21/15	LK	SW6010C
Iron	26800	34	34	mg/Kg	10	12/21/15	LK	SW6010C
Mercury	2.75	N 0.24	0.14	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	903	N 7	2.7	mg/Kg	1	12/22/15	LK	SW6010C
Magnesium	686	N 3.4	3.4	mg/Kg	1	12/22/15	LK	SW6010C
Manganese	249	3.4	3.4	mg/Kg	10	12/21/15	LK	SW6010C
Sodium	362	68	29	mg/Kg	10	12/21/15	LK	SW6010C
Nickel	15.5	0.34	0.34	mg/Kg	1	12/22/15	LK	SW6010C
Lead	2790	* 63	32	mg/Kg	100	12/21/15	LK	SW6010C
Antimony	2.5	1.7	1.7	mg/Kg	1	12/22/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	12/22/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	12/22/15	LK	SW6010C
Vanadium	27.4	0.3	0.34	mg/Kg	1	12/22/15	LK	SW6010C
Zinc	995	6.8	3.4	mg/Kg	10	12/21/15	LK	SW6010C
Total Cyanide (SW9010C Distill.)	0.815	0.50	0.25	mg/Kg	1	12/21/15	O/GD	SW9012B
Soil Extraction NPD Pesticides	Completed					12/18/15	BC/V	SW3545A
Soil Extraction for PCB	Completed					12/18/15	JC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	JC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					12/21/15	W/W	SW7471B
Soil Extraction for Herbicide	Completed					12/18/15	Q/K	SW8151A
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/16/15		SW5035A

Organophosphate Pesticides

Alachlor	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	1
Atrazine	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	1
Azinphos methyl	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	
Diazinon	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	
Disulfoton	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	
Malathion	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	
Simazine	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	

QA/QC Surrogates

% 1,3 dimethyl-2-nitrobenzene	62			%	1	12/29/15	CE	30 - 150 %	

Chlorinated Herbicides

2,4,5-T	ND	41	41	ug/Kg	10	12/21/15	BB	SW8151A	
2,4,5-TP (Silvex)	ND	41	41	ug/Kg	10	12/21/15	BB	SW8151A	
2,4-D	ND	41	41	ug/Kg	10	12/21/15	BB	SW8151A	
2,4-DB	ND	410	410	ug/Kg	10	12/21/15	BB	SW8151A	
Dalapon	ND	41	41	ug/Kg	10	12/21/15	BB	SW8151A	
Dicamba	ND	82	82	ug/Kg	10	12/21/15	BB	SW8151A	
Dichloroprop	ND	41	41	ug/Kg	10	12/21/15	BB	SW8151A	
Dinoseb	ND	82	82	ug/Kg	10	12/21/15	BB	SW8151A	

QA/QC Surrogates

% DCAA	58			%	10	12/21/15	BB	30 - 150 %	

Polychlorinated Biphenyls

PCB-1016	ND	32	32	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1221	ND	32	32	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1232	ND	32	32	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1242	ND	32	32	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1248	ND	32	32	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1254	ND	32	32	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1260	ND	32	32	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1262	ND	32	32	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1268	ND	32	32	ug/Kg	2	12/19/15	AW	SW8082A	

QA/QC Surrogates

% DCBP	97			%	2	12/19/15	AW	30 - 150 %	
% TCMX	80			%	2	12/19/15	AW	30 - 150 %	

Pesticides - Soil

4,4' -DDD	ND	1.9	1.9	ug/Kg	2	12/20/15	CE	SW8081B	
4,4' -DDE	ND	1.9	1.9	ug/Kg	2	12/20/15	CE	SW8081B	
4,4' -DDT	ND	1.9	1.9	ug/Kg	2	12/20/15	CE	SW8081B	
a-BHC	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B	
a-Chlordane	ND	3.2	3.2	ug/Kg	2	12/20/15	CE	SW8081B	
Aldrin	ND	3.2	3.2	ug/Kg	2	12/20/15	CE	SW8081B	
b-BHC	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Chlordane	ND	32	32	ug/Kg	2	12/20/15	CE	SW8081B	
d-BHC	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B	
Dieldrin	ND	3.2	3.2	ug/Kg	2	12/20/15	CE	SW8081B	
Endosulfan I	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B	
Endosulfan II	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B	
Endosulfan sulfate	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B	
Endrin	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B	
Endrin aldehyde	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B	
Endrin ketone	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B	
g-BHC	ND	1.3	1.3	ug/Kg	2	12/20/15	CE	SW8081B	
g-Chlordane	ND	3.2	3.2	ug/Kg	2	12/20/15	CE	SW8081B	
Heptachlor	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B	
Heptachlor epoxide	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B	
Methoxychlor	ND	32	32	ug/Kg	2	12/20/15	CE	SW8081B	
Toxaphene	ND	130	130	ug/Kg	2	12/20/15	CE	SW8081B	
<u>QA/QC Surrogates</u>									
% DCBP	74			%	2	12/20/15	CE	30 - 150 %	
% TCMX	68			%	2	12/20/15	CE	30 - 150 %	
<u>Volatiles</u>									
1,1,1,2-Tetrachloroethane	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C	
1,1,1-Trichloroethane	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	370	75	ug/Kg	50	12/19/15	JLI	SW8260C	
1,1,2-Trichloroethane	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C	
1,1-Dichloroethane	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C	
1,1-Dichloroethene	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C	
1,1-Dichloropropene	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	370	75	ug/Kg	50	12/19/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	370	37	ug/Kg	50	12/19/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	370	75	ug/Kg	50	12/19/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	370	37	ug/Kg	50	12/19/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	370	75	ug/Kg	50	12/19/15	JLI	SW8260C	
1,2-Dibromoethane	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	370	37	ug/Kg	50	12/19/15	JLI	SW8260C	
1,2-Dichloroethane	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C	
1,2-Dichloropropane	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	370	37	ug/Kg	50	12/19/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	370	37	ug/Kg	50	12/19/15	JLI	SW8260C	
1,3-Dichloropropane	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	370	37	ug/Kg	50	12/19/15	JLI	SW8260C	
2,2-Dichloropropane	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C	
2-Chlorotoluene	ND	370	75	ug/Kg	50	12/19/15	JLI	SW8260C	
2-Hexanone	ND	24	4.8	ug/Kg	1	12/19/15	JLI	SW8260C	
2-Isopropyltoluene	ND	370	37	ug/Kg	50	12/19/15	JLI	SW8260C	
4-Chlorotoluene	ND	370	37	ug/Kg	50	12/19/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	24	4.8	ug/Kg	1	12/19/15	JLI	SW8260C	
Acetone	14	JBS	48	4.8	ug/Kg	1	12/19/15	JLI	SW8260C
Acrylonitrile	ND		9.6	0.96	ug/Kg	1	12/19/15	JLI	SW8260C
Benzene	ND		4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
Bromobenzene	ND		370	37	ug/Kg	50	12/19/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromochloromethane	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
Bromodichloromethane	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C
Bromoform	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C
Bromomethane	ND	4.8	1.9	ug/Kg	1	12/19/15	JLI	SW8260C
Carbon Disulfide	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C
Carbon tetrachloride	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C
Chlorobenzene	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
Chloroethane	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
Chloroform	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
Chloromethane	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
Dibromochloromethane	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C
Dibromomethane	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
Ethylbenzene	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
Hexachlorobutadiene	ND	370	37	ug/Kg	50	12/19/15	JLI	SW8260C
Isopropylbenzene	ND	370	37	ug/Kg	50	12/19/15	JLI	SW8260C
m&p-Xylene	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	29	4.8	ug/Kg	1	12/19/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.6	0.96	ug/Kg	1	12/19/15	JLI	SW8260C
Methylene chloride	ND	4.8	4.8	ug/Kg	1	12/19/15	JLI	SW8260C
Naphthalene	ND	370	75	ug/Kg	50	12/19/15	JLI	SW8260C
n-Butylbenzene	ND	370	37	ug/Kg	50	12/19/15	JLI	SW8260C
n-Propylbenzene	ND	370	67	ug/Kg	50	12/19/15	JLI	SW8260C
o-Xylene	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C
p-Isopropyltoluene	ND	370	37	ug/Kg	50	12/19/15	JLI	SW8260C
sec-Butylbenzene	ND	370	37	ug/Kg	50	12/19/15	JLI	SW8260C
Styrene	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
tert-Butylbenzene	ND	370	37	ug/Kg	50	12/19/15	JLI	SW8260C
Tetrachloroethene	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.6	2.4	ug/Kg	1	12/19/15	JLI	SW8260C
Toluene	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	750	190	ug/Kg	50	12/19/15	JLI	SW8260C
Trichloroethene	1.1	J 4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.8	0.96	ug/Kg	1	12/19/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
Vinyl chloride	ND	4.8	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	50	12/19/15	JLI	70 - 130 %
% Bromofluorobenzene	101			%	50	12/19/15	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	12/19/15	JLI	70 - 130 %
% Toluene-d8	101			%	1	12/19/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	96	38	ug/kg	1	12/19/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	109			%	1	12/19/15	JLI	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	83			%	1	12/19/15	JLI	70 - 130 %
% Toluene-d8	101			%	1	12/19/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	19	0.96	ug/Kg	1	12/19/15	JLI	SW8260C
Acrolein	ND	19	2.4	ug/Kg	1	12/19/15	JLI	SW8260C
Acrylonitrile	ND	19	0.48	ug/Kg	1	12/19/15	JLI	SW8260C
Tert-butyl alcohol	ND	96	19	ug/Kg	1	12/19/15	JLI	SW8260C

Volatile Library Search Completed 12/21/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	230	99	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	230	93	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	230	97	ug/Kg	1	12/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	230	97	ug/Kg	1	12/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	230	180	ug/Kg	1	12/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	230	82	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	660	230	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrotoluene	ND	230	130	ug/Kg	1	12/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
2-Chloronaphthalene	ND	230	93	ug/Kg	1	12/21/15	DD	SW8270D
2-Chlorophenol	ND	230	93	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylnaphthalene	ND	230	98	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	230	150	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitroaniline	ND	660	330	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitrophenol	ND	230	210	ug/Kg	1	12/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	230	130	ug/Kg	1	12/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	660	160	ug/Kg	1	12/21/15	DD	SW8270D
3-Nitroaniline	ND	660	660	ug/Kg	1	12/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1600	350	ug/Kg	1	12/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	230	97	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloroaniline	ND	260	150	ug/Kg	1	12/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitroaniline	ND	660	110	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitrophenol	ND	330	150	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthene	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthylene	ND	230	92	ug/Kg	1	12/21/15	DD	SW8270D
Acetophenone	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Aniline	ND	260	260	ug/Kg	1	12/21/15	DD	SW8270D
Anthracene	170	J 230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benz(a)anthracene	490	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benzidine	ND	660	190	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(a)pyrene	540	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(b)fluoranthene	430	230	110	ug/Kg	1	12/21/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(ghi)perylene	310	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(k)fluoranthene	460	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benzoic acid	ND	1600	660	ug/Kg	1	12/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	230	85	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	230	91	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	230	89	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	230	92	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	230	95	ug/Kg	1	12/21/15	DD	SW8270D
Carbazole	ND	1600	250	ug/Kg	1	12/21/15	DD	SW8270D
Chrysene	520	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Dibenzofuran	ND	230	96	ug/Kg	1	12/21/15	DD	SW8270D
Diethyl phthalate	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Dimethylphthalate	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-butylphthalate	ND	230	88	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-octylphthalate	ND	230	85	ug/Kg	1	12/21/15	DD	SW8270D
Fluoranthene	910	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Fluorene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobenzene	ND	230	96	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobutadiene	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Hexachloroethane	ND	230	99	ug/Kg	1	12/21/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	350	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Isophorone	ND	230	92	ug/Kg	1	12/21/15	DD	SW8270D
Naphthalene	ND	230	95	ug/Kg	1	12/21/15	DD	SW8270D
Nitrobenzene	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	230	93	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	230	130	ug/Kg	1	12/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
Pentachlorophenol	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
Phenanthrene	770	230	94	ug/Kg	1	12/21/15	DD	SW8270D
Phenol	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Pyrene	840	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Pyridine	ND	230	81	ug/Kg	1	12/21/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	53			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	62			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorophenol	20			%	1	12/21/15	DD	30 - 130 %
% Nitrobenzene-d5	64			%	1	12/21/15	DD	30 - 130 %
% Phenol-d5	41			%	1	12/21/15	DD	30 - 130 %
% Terphenyl-d14	65			%	1	12/21/15	DD	30 - 130 %
Semivolatile Library Search	Completed					12/21/15	DD	

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

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, 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:

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

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

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

Volatile Comment:

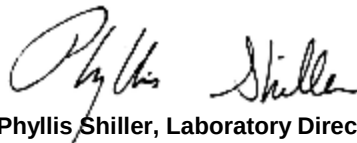
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

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

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

January 22, 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

January 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: LB
 Analyzed by: see "By" below

Date

12/16/15 15:00
 12/18/15 17:00

Time

Laboratory Data

SDG ID: GBK41655
 Phoenix ID: BK41662

Project ID: 65 ECKFORD ST., BROOKLYN
 Client ID: 15SB5 2-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.31	0.31	0.31	mg/Kg	1	12/22/15	LK	SW6010C
Aluminum	7140	31	6.2	mg/Kg	10	12/21/15	LK	SW6010C
Arsenic	6.9	0.6	0.62	mg/Kg	1	12/22/15	LK	SW6010C
Barium	136	0.6	0.31	mg/Kg	1	12/22/15	LK	SW6010C
Beryllium	0.55	0.25	0.12	mg/Kg	1	12/22/15	LK	SW6010C
Calcium	2270	3.1	2.8	mg/Kg	1	12/22/15	LK	SW6010C
Cadmium	0.71	0.31	0.12	mg/Kg	1	12/22/15	LK	SW6010C
Cobalt	7.73	0.31	0.31	mg/Kg	1	12/22/15	LK	SW6010C
Chromium	16.9	0.31	0.31	mg/Kg	1	12/22/15	LK	SW6010C
Copper	50.4	0.31	0.31	mg/kg	1	12/22/15	LK	SW6010C
Iron	29400	31	31	mg/Kg	10	12/21/15	LK	SW6010C
Mercury	0.92	N 0.02	0.01	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1160	N 6	2.4	mg/Kg	1	12/22/15	LK	SW6010C
Magnesium	1730	N 3.1	3.1	mg/Kg	1	12/22/15	LK	SW6010C
Manganese	337	3.1	3.1	mg/Kg	10	12/21/15	LK	SW6010C
Sodium	200	6	2.7	mg/Kg	1	12/22/15	LK	SW6010C
Nickel	14.1	0.31	0.31	mg/Kg	1	12/22/15	LK	SW6010C
Lead	190	* 6.2	3.1	mg/Kg	10	12/21/15	LK	SW6010C
Antimony	< 1.5	1.5	1.5	mg/Kg	1	12/22/15	LK	SW6010C
Selenium	< 1.2	1.2	1.0	mg/Kg	1	12/22/15	LK	SW6010C
Thallium	< 1.2	1.2	1.2	mg/Kg	1	12/22/15	LK	SW6010C
Vanadium	23.6	0.3	0.31	mg/Kg	1	12/22/15	LK	SW6010C
Zinc	177	6.2	3.1	mg/Kg	10	12/21/15	LK	SW6010C
Total Cyanide (SW9010C Distill.)	< 0.50	0.50	0.25	mg/Kg	1	12/21/15	O/GD	SW9012B
Soil Extraction NPD Pesticides	Completed					12/18/15	BC/V	SW3545A
Soil Extraction for PCB	Completed					12/23/15	BB	SW3545A
Soil Extraction for Pest	Completed					12/18/15	JC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					12/21/15	W/W	SW7471B
Soil Extraction for Herbicide	Completed					12/18/15	Q/K	SW8151A
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/16/15		SW5035A

Organophosphate Pesticides

Alachlor	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	1
Atrazine	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	1
Azinphos methyl	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	
Diazinon	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	
Disulfoton	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	
Malathion	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	
Simazine	ND	33	33	ug/kg	1	12/29/15	CE	SW8141B	

QA/QC Surrogates

% 1,3 dimethyl-2-nitrobenzene	75			%	1	12/29/15	CE	30 - 150 %	

Chlorinated Herbicides

2,4,5-T	ND	42	42	ug/Kg	10	12/21/15	BB	SW8151A	
2,4,5-TP (Silvex)	ND	42	42	ug/Kg	10	12/21/15	BB	SW8151A	
2,4-D	ND	42	42	ug/Kg	10	12/21/15	BB	SW8151A	
2,4-DB	ND	420	420	ug/Kg	10	12/21/15	BB	SW8151A	
Dalapon	ND	42	42	ug/Kg	10	12/21/15	BB	SW8151A	
Dicamba	ND	83	83	ug/Kg	10	12/21/15	BB	SW8151A	
Dichloroprop	ND	42	42	ug/Kg	10	12/21/15	BB	SW8151A	
Dinoseb	ND	83	83	ug/Kg	10	12/21/15	BB	SW8151A	

QA/QC Surrogates

% DCAA	66			%	10	12/21/15	BB	30 - 150 %	

Polychlorinated Biphenyls

PCB-1016	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1221	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1232	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1242	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1248	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1254	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1260	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1262	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1268	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	

QA/QC Surrogates

% DCBP	48			%	2	12/19/15	AW	30 - 150 %	
% TCMX	36			%	2	12/19/15	AW	30 - 150 %	

Pesticides - Soil

4,4' -DDD	ND	2.0	2.0	ug/Kg	2	12/24/15	CE	SW8081B	
4,4' -DDE	ND	2.0	2.0	ug/Kg	2	12/24/15	CE	SW8081B	
4,4' -DDT	ND	2.0	2.0	ug/Kg	2	12/24/15	CE	SW8081B	
a-BHC	ND	6.6	6.6	ug/Kg	2	12/24/15	CE	SW8081B	
a-Chlordane	ND	3.3	3.3	ug/Kg	2	12/24/15	CE	SW8081B	
Aldrin	ND	3.3	3.3	ug/Kg	2	12/24/15	CE	SW8081B	
b-BHC	ND	6.6	6.6	ug/Kg	2	12/24/15	CE	SW8081B	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Chlordane	ND	33	33	ug/Kg	2	12/24/15	CE	SW8081B
d-BHC	ND	6.6	6.6	ug/Kg	2	12/24/15	CE	SW8081B
Dieldrin	ND	3.3	3.3	ug/Kg	2	12/24/15	CE	SW8081B
Endosulfan I	ND	6.6	6.6	ug/Kg	2	12/24/15	CE	SW8081B
Endosulfan II	ND	6.6	6.6	ug/Kg	2	12/24/15	CE	SW8081B
Endosulfan sulfate	ND	6.6	6.6	ug/Kg	2	12/24/15	CE	SW8081B
Endrin	ND	6.6	6.6	ug/Kg	2	12/24/15	CE	SW8081B
Endrin aldehyde	ND	6.6	6.6	ug/Kg	2	12/24/15	CE	SW8081B
Endrin ketone	ND	6.6	6.6	ug/Kg	2	12/24/15	CE	SW8081B
g-BHC	ND	1.3	1.3	ug/Kg	2	12/24/15	CE	SW8081B
g-Chlordane	ND	3.3	3.3	ug/Kg	2	12/24/15	CE	SW8081B
Heptachlor	ND	6.6	6.6	ug/Kg	2	12/24/15	CE	SW8081B
Heptachlor epoxide	ND	6.6	6.6	ug/Kg	2	12/24/15	CE	SW8081B
Methoxychlor	ND	33	33	ug/Kg	2	12/24/15	CE	SW8081B
Toxaphene	ND	130	130	ug/Kg	2	12/24/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	88			%	2	12/24/15	CE	30 - 150 %
% TCMX	78			%	2	12/24/15	CE	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	220	43	ug/Kg	50	12/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	220	43	ug/Kg	50	12/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	220	43	ug/Kg	50	12/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	220	43	ug/Kg	50	12/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
2-Chlorotoluene	ND	220	43	ug/Kg	50	12/21/15	JLI	SW8260C
2-Hexanone	ND	25	5.1	ug/Kg	1	12/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
4-Chlorotoluene	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	25	5.1	ug/Kg	1	12/21/15	JLI	SW8260C
Acetone	ND	50	5.1	ug/Kg	1	12/21/15	JLI	SW8260C
Acrylonitrile	ND	10	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Benzene	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
Bromobenzene	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromochloromethane	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
Bromodichloromethane	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Bromoform	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Bromomethane	ND	5.1	2.0	ug/Kg	1	12/21/15	JLI	SW8260C
Carbon Disulfide	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Carbon tetrachloride	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Chlorobenzene	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
Chloroethane	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
Chloroform	0.63	J 5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
Chloromethane	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
Dibromochloromethane	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Dibromomethane	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
Ethylbenzene	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
Isopropylbenzene	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
m&p-Xylene	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	5.1	ug/Kg	1	12/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Methylene chloride	ND	5.1	5.1	ug/Kg	1	12/21/15	JLI	SW8260C
Naphthalene	ND	220	43	ug/Kg	50	12/21/15	JLI	SW8260C
n-Butylbenzene	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
n-Propylbenzene	ND	220	39	ug/Kg	50	12/21/15	JLI	SW8260C
o-Xylene	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
sec-Butylbenzene	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
Styrene	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
tert-Butylbenzene	ND	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
Tetrachloroethene	90	J 220	43	ug/Kg	50	12/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	12/21/15	JLI	SW8260C
Toluene	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	430	110	ug/Kg	50	12/21/15	JLI	SW8260C
Trichloroethene	780	220	22	ug/Kg	50	12/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.1	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
Vinyl chloride	ND	5.1	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	50	12/21/15	JLI	70 - 130 %
% Bromofluorobenzene	99			%	50	12/21/15	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	12/21/15	JLI	70 - 130 %
% Toluene-d8	96			%	1	12/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	40	ug/kg	1	12/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	107			%	1	12/21/15	JLI	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	73			%	1	12/21/15	JLI	70 - 130 %
% Toluene-d8	96			%	1	12/21/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	12/21/15	JLI	SW8260C
Acrylonitrile	ND	20	0.51	ug/Kg	1	12/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	100	20	ug/Kg	1	12/21/15	JLI	SW8260C

Volatile Library Search Completed 12/22/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	230	120	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	230	99	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	230	92	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	230	110	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	230	97	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	230	97	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	230	180	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	230	100	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	230	120	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	230	81	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	650	230	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	230	130	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	230	100	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	230	93	ug/Kg	1	12/19/15	DD	SW8270D
2-Chlorophenol	ND	230	93	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	300	230	97	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	230	150	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	650	330	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	230	210	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	230	130	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	650	150	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	650	650	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1600	350	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	230	96	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	230	120	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	260	150	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	230	110	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	650	110	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	330	150	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	620	230	99	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	230	230	92	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	230	100	ug/Kg	1	12/19/15	DD	SW8270D
Aniline	ND	260	260	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	1500	230	110	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	4300	230	110	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	650	190	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	4500	230	110	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	3900	230	110	ug/Kg	1	12/19/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(ghi)perylene	1800	230	110	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	3300	230	110	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	1600	650	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	230	84	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	230	90	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	230	88	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	230	91	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	230	94	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	550	J 1600	250	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	4400	230	110	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	450	230	110	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	480	230	95	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	230	100	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	230	100	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	230	87	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	230	84	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	6900	D 1100	530	ug/Kg	5	12/21/15	DD	SW8270D
Fluorene	630	230	110	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	230	95	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	230	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	230	100	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	230	98	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	2400	230	110	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	230	92	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	230	94	ug/Kg	1	12/19/15	DD	SW8270D
Nitrobenzene	ND	230	110	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	230	92	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	230	110	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	230	130	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	230	120	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	230	120	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	6100	230	94	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	230	100	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	6700	D 1100	560	ug/Kg	5	12/21/15	DD	SW8270D
Pyridine	ND	230	80	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	67			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	33			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	65			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	54			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	59			%	1	12/19/15	DD	30 - 130 %
Semivolatile Library Search	Completed					12/21/15	DD	

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

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:

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

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

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

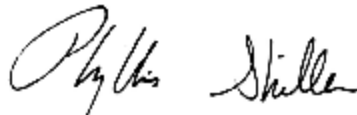
Volatile Comment:

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

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

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

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Phyllis Shiller, Laboratory Director

January 22, 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

January 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: LB
Analyzed by: see "By" below

Date

12/16/15
12/18/15

Time

14:00
17:00

Laboratory Data

SDG ID: GBK41655
Phoenix ID: BK41663

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB1 18-20

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.32	0.32	0.32	mg/Kg	1	12/22/15	LK	SW6010C
Aluminum	857	3.2	0.65	mg/Kg	1	12/22/15	LK	SW6010C
Arsenic	1.4	0.6	0.65	mg/Kg	1	12/22/15	LK	SW6010C
Barium	12.7	0.6	0.32	mg/Kg	1	12/22/15	LK	SW6010C
Beryllium	0.24	B 0.26	0.13	mg/Kg	1	12/22/15	LK	SW6010C
Calcium	3210	3.2	3.0	mg/Kg	1	12/22/15	LK	SW6010C
Cadmium	0.21	B 0.32	0.13	mg/Kg	1	12/22/15	LK	SW6010C
Cobalt	0.94	0.32	0.32	mg/Kg	1	12/22/15	LK	SW6010C
Chromium	2.76	0.32	0.32	mg/Kg	1	12/22/15	LK	SW6010C
Copper	5.75	0.32	0.32	mg/kg	1	12/22/15	LK	SW6010C
Iron	2380	3.2	3.2	mg/Kg	1	12/22/15	LK	SW6010C
Mercury	0.03	BN 0.03	0.02	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	138	N 6	2.5	mg/Kg	1	12/22/15	LK	SW6010C
Magnesium	1540	N 3.2	3.2	mg/Kg	1	12/22/15	LK	SW6010C
Manganese	30.2	0.32	0.32	mg/Kg	1	12/22/15	LK	SW6010C
Sodium	297	6	2.8	mg/Kg	1	12/22/15	LK	SW6010C
Nickel	1.56	0.32	0.32	mg/Kg	1	12/22/15	LK	SW6010C
Lead	11.8	* 0.6	0.32	mg/Kg	1	12/22/15	LK	SW6010C
Antimony	< 1.6	1.6	1.6	mg/Kg	1	12/22/15	LK	SW6010C
Selenium	< 1.3	1.3	1.1	mg/Kg	1	12/22/15	LK	SW6010C
Thallium	< 1.3	1.3	1.3	mg/Kg	1	12/22/15	LK	SW6010C
Vanadium	2.5	0.3	0.32	mg/Kg	1	12/22/15	LK	SW6010C
Zinc	8.0	0.6	0.32	mg/Kg	1	12/22/15	LK	SW6010C
Total Cyanide (SW9010C Distill.)	< 0.50	0.50	0.25	mg/Kg	1	12/21/15	O/GD	SW9012B
Soil Extraction NPD Pesticides	Completed					12/18/15	BC/V	SW3545A
Soil Extraction for PCB	Completed					12/18/15	JC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	JC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					12/21/15	W/W	SW7471B
Soil Extraction for Herbicide	Completed					12/18/15	Q/K	SW8151A
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/16/15		SW5035A

Organophosphate Pesticides

Alachlor	ND	49	49	ug/kg	1	12/29/15	CE	SW8141B	1
Atrazine	ND	49	49	ug/kg	1	12/29/15	CE	SW8141B	1
Azinphos methyl	ND	49	49	ug/kg	1	12/29/15	CE	SW8141B	
Diazinon	ND	49	49	ug/kg	1	12/29/15	CE	SW8141B	
Disulfoton	ND	49	49	ug/kg	1	12/29/15	CE	SW8141B	
Malathion	ND	49	49	ug/kg	1	12/29/15	CE	SW8141B	
Simazine	ND	49	49	ug/kg	1	12/29/15	CE	SW8141B	

QA/QC Surrogates

% 1,3 dimethyl-2-nitrobenzene	71			%	1	12/29/15	CE	30 - 150 %	

Chlorinated Herbicides

2,4,5-T	ND	120	120	ug/Kg	10	12/21/15	BB	SW8151A	
2,4,5-TP (Silvex)	ND	120	120	ug/Kg	10	12/21/15	BB	SW8151A	
2,4-D	ND	120	120	ug/Kg	10	12/21/15	BB	SW8151A	
2,4-DB	ND	1200	1200	ug/Kg	10	12/21/15	BB	SW8151A	
Dalapon	ND	120	120	ug/Kg	10	12/21/15	BB	SW8151A	
Dicamba	ND	230	230	ug/Kg	10	12/21/15	BB	SW8151A	
Dichloroprop	ND	120	120	ug/Kg	10	12/21/15	BB	SW8151A	
Dinoseb	ND	230	230	ug/Kg	10	12/21/15	BB	SW8151A	

QA/QC Surrogates

% DCAA	61			%	10	12/21/15	BB	30 - 150 %	

Polychlorinated Biphenyls

PCB-1016	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1221	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1232	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1242	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1248	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1254	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1260	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1262	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1268	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	

QA/QC Surrogates

% DCBP	64			%	2	12/19/15	AW	30 - 150 %	
% TCMX	71			%	2	12/19/15	AW	30 - 150 %	

Pesticides - Soil

4,4' -DDD	ND	2.9	2.9	ug/Kg	2	12/20/15	CE	SW8081B	
4,4' -DDE	ND	2.9	2.9	ug/Kg	2	12/20/15	CE	SW8081B	
4,4' -DDT	ND	2.9	2.9	ug/Kg	2	12/20/15	CE	SW8081B	
a-BHC	ND	9.8	9.8	ug/Kg	2	12/20/15	CE	SW8081B	
a-Chlordane	ND	4.9	4.9	ug/Kg	2	12/20/15	CE	SW8081B	
Aldrin	ND	4.9	4.9	ug/Kg	2	12/20/15	CE	SW8081B	
b-BHC	ND	9.8	9.8	ug/Kg	2	12/20/15	CE	SW8081B	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Chlordane	ND	49	49	ug/Kg	2	12/20/15	CE	SW8081B
d-BHC	ND	9.8	9.8	ug/Kg	2	12/20/15	CE	SW8081B
Dieldrin	ND	4.9	4.9	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan I	ND	9.8	9.8	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan II	ND	9.8	9.8	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan sulfate	ND	9.8	9.8	ug/Kg	2	12/20/15	CE	SW8081B
Endrin	ND	9.8	9.8	ug/Kg	2	12/20/15	CE	SW8081B
Endrin aldehyde	ND	9.8	9.8	ug/Kg	2	12/20/15	CE	SW8081B
Endrin ketone	ND	9.8	9.8	ug/Kg	2	12/20/15	CE	SW8081B
g-BHC	ND	2.0	2.0	ug/Kg	2	12/20/15	CE	SW8081B
g-Chlordane	ND	4.9	4.9	ug/Kg	2	12/20/15	CE	SW8081B
Heptachlor	ND	9.8	9.8	ug/Kg	2	12/20/15	CE	SW8081B
Heptachlor epoxide	ND	9.8	9.8	ug/Kg	2	12/20/15	CE	SW8081B
Methoxychlor	ND	49	49	ug/Kg	2	12/20/15	CE	SW8081B
Toxaphene	ND	200	200	ug/Kg	2	12/20/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	60			%	2	12/20/15	CE	30 - 150 %
% TCMX	58			%	2	12/20/15	CE	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
1,1,1-Trichloroethane	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
1,1,2-Trichloroethane	ND	5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
1,1-Dichloroethane	ND	5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
1,1-Dichloroethene	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
1,1-Dichloropropene	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
1,2,3-Trichloropropane	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
1,2-Dibromoethane	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
1,2-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
1,2-Dichloroethane	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
1,2-Dichloropropane	ND	5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
1,3-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
1,3-Dichloropropane	ND	5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
1,4-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
2,2-Dichloropropane	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
2-Chlorotoluene	ND	5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
2-Hexanone	ND	27	5.5	ug/Kg	1	12/21/15	J/P	SW8260C
2-Isopropyltoluene	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
4-Chlorotoluene	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
4-Methyl-2-pentanone	ND	27	5.5	ug/Kg	1	12/21/15	J/P	SW8260C
Acetone	210	S 55	5.5	ug/Kg	1	12/21/15	J/P	SW8260C
Acrylonitrile	ND	11	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
Benzene	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
Bromobenzene	ND	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromochloromethane	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
Bromodichloromethane	ND		5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
Bromoform	ND		5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
Bromomethane	ND		5.5	2.2	ug/Kg	1	12/21/15	J/P	SW8260C
Carbon Disulfide	2.8	J	5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
Carbon tetrachloride	ND		5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
Chlorobenzene	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
Chloroethane	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
Chloroform	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
Chloromethane	ND		5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
cis-1,2-Dichloroethene	4.1	J	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
cis-1,3-Dichloropropene	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
Dibromochloromethane	ND		5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
Dibromomethane	ND		5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
Dichlorodifluoromethane	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
Ethylbenzene	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
Hexachlorobutadiene	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
Isopropylbenzene	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
m&p-Xylene	ND		5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
Methyl Ethyl Ketone	55		33	5.5	ug/Kg	1	12/21/15	J/P	SW8260C
Methyl t-butyl ether (MTBE)	1.4	J	11	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
Methylene chloride	ND		5.5	5.5	ug/Kg	1	12/21/15	J/P	SW8260C
Naphthalene	ND		5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
n-Butylbenzene	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
n-Propylbenzene	ND		5.5	0.98	ug/Kg	1	12/21/15	J/P	SW8260C
o-Xylene	ND		5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
p-Isopropyltoluene	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
sec-Butylbenzene	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
Styrene	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
tert-Butylbenzene	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
Tetrachloroethene	ND		5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
Tetrahydrofuran (THF)	ND		11	2.7	ug/Kg	1	12/21/15	J/P	SW8260C
Toluene	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
trans-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
trans-1,3-Dichloropropene	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
trans-1,4-dichloro-2-butene	ND		11	2.7	ug/Kg	1	12/21/15	J/P	SW8260C
Trichloroethene	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
Trichlorofluoromethane	ND		5.5	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
Trichlorotrifluoroethane	ND		5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
Vinyl chloride	1.4	J	5.5	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	95				%	1	12/21/15	J/P	70 - 130 %
% Bromofluorobenzene	84				%	1	12/21/15	J/P	70 - 130 %
% Dibromofluoromethane	101				%	1	12/21/15	J/P	70 - 130 %
% Toluene-d8	94				%	1	12/21/15	J/P	70 - 130 %
<u>1,4-dioxane</u>									
1,4-dioxane	ND		98	44	ug/kg	1	12/21/15	J/P	SW8260C
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	95				%	1	12/21/15	J/P	70 - 130 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	84			%	1	12/21/15	J/P	70 - 130 %
% Toluene-d8	94			%	1	12/21/15	J/P	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	22	1.1	ug/Kg	1	12/21/15	J/P	SW8260C
Acrolein	ND	22	2.7	ug/Kg	1	12/21/15	J/P	SW8260C
Acrylonitrile	ND	22	0.55	ug/Kg	1	12/21/15	J/P	SW8260C
Tert-butyl alcohol	ND	110	22	ug/Kg	1	12/21/15	J/P	SW8260C

Volatile Library Search Completed 12/22/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	340	270	ug/Kg	1	12/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	340	120	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	980	340	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrotoluene	ND	340	190	ug/Kg	1	12/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
2-Chloronaphthalene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
2-Chlorophenol	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylnaphthalene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	330	230	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitroaniline	ND	980	500	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitrophenol	ND	340	310	ug/Kg	1	12/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	340	190	ug/Kg	1	12/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	980	230	ug/Kg	1	12/21/15	DD	SW8270D
3-Nitroaniline	ND	980	980	ug/Kg	1	12/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2500	530	ug/Kg	1	12/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloroaniline	ND	390	230	ug/Kg	1	12/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitroaniline	ND	980	160	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitrophenol	ND	490	220	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthylene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Acetophenone	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
Aniline	ND	390	390	ug/Kg	1	12/21/15	DD	SW8270D
Anthracene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Benz(a)anthracene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
Benzidine	ND	980	290	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(a)pyrene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(b)fluoranthene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(ghi)perylene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(k)fluoranthene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Benzoic acid	ND	2500	980	ug/Kg	1	12/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	340	130	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	340	130	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Carbazole	ND	2500	370	ug/Kg	1	12/21/15	DD	SW8270D
Chrysene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	160	ug/Kg	1	12/21/15	DD	SW8270D
Dibenzofuran	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Diethyl phthalate	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Dimethylphthalate	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-butylphthalate	ND	340	130	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-octylphthalate	ND	340	130	ug/Kg	1	12/21/15	DD	SW8270D
Fluoranthene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Fluorene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobenzene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobutadiene	ND	340	180	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
Hexachloroethane	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Isophorone	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Naphthalene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Nitrobenzene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	340	190	ug/Kg	1	12/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	340	180	ug/Kg	1	12/21/15	DD	SW8270D
Pentachlorophenol	ND	340	190	ug/Kg	1	12/21/15	DD	SW8270D
Phenanthrene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Phenol	ND	330	160	ug/Kg	1	12/21/15	DD	SW8270D
Pyrene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
Pyridine	ND	340	120	ug/Kg	1	12/21/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	61			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	49			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorophenol	35			%	1	12/21/15	DD	30 - 130 %
% Nitrobenzene-d5	51			%	1	12/21/15	DD	30 - 130 %
% Phenol-d5	48			%	1	12/21/15	DD	30 - 130 %
% Terphenyl-d14	51			%	1	12/21/15	DD	30 - 130 %
Semivolatile Library Search	Completed					01/08/16	DD	

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

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:

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

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.

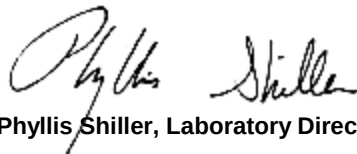
Volatile Comment:

Sample exhibited matrix interference in the volatile analysis. Both Low-level vials were analyzed with one or more poor internal standard responses. The high level analysis did not exhibit this interference. Had any compounds been detected in the high level analysis, they would have been reported at that dilution. The low level analysis was reported, in order to meet the requested reporting 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

January 22, 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

January 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: LB
Analyzed by: see "By" below

Date

12/16/15
12/18/15

Time

13:00
17:00

Laboratory Data

SDG ID: GBK41655
Phoenix ID: BK41664

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB3 18-20

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35	0.35	0.35	mg/Kg	1	12/22/15	LK	SW6010C
Aluminum	1650	3.5	0.69	mg/Kg	1	12/22/15	LK	SW6010C
Arsenic	1.5	0.7	0.69	mg/Kg	1	12/22/15	LK	SW6010C
Barium	16.1	0.7	0.35	mg/Kg	1	12/22/15	LK	SW6010C
Beryllium	0.22	B 0.28	0.14	mg/Kg	1	12/22/15	LK	SW6010C
Calcium	3730	3.5	3.2	mg/Kg	1	12/22/15	LK	SW6010C
Cadmium	0.22	B 0.35	0.14	mg/Kg	1	12/22/15	LK	SW6010C
Cobalt	1.83	0.35	0.35	mg/Kg	1	12/22/15	LK	SW6010C
Chromium	2.83	0.35	0.35	mg/Kg	1	12/22/15	LK	SW6010C
Copper	3.78	0.35	0.35	mg/kg	1	12/22/15	LK	SW6010C
Iron	3880	3.5	3.5	mg/Kg	1	12/22/15	LK	SW6010C
Mercury	0.55	N 0.03	0.02	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	327	N 7	2.7	mg/Kg	1	12/22/15	LK	SW6010C
Magnesium	1300	N 3.5	3.5	mg/Kg	1	12/22/15	LK	SW6010C
Manganese	59.8	0.35	0.35	mg/Kg	1	12/22/15	LK	SW6010C
Sodium	474	7	3.0	mg/Kg	1	12/22/15	LK	SW6010C
Nickel	2.80	0.35	0.35	mg/Kg	1	12/22/15	LK	SW6010C
Lead	16.4	* 0.7	0.35	mg/Kg	1	12/22/15	LK	SW6010C
Antimony	< 1.7	1.7	1.7	mg/Kg	1	12/22/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	12/22/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	12/22/15	LK	SW6010C
Vanadium	4.8	0.3	0.35	mg/Kg	1	12/22/15	LK	SW6010C
Zinc	8.9	0.7	0.35	mg/Kg	1	12/22/15	LK	SW6010C
Total Cyanide (SW9010C Distill.)	< 0.45	0.45	0.23	mg/Kg	1	12/21/15	O/GD	SW9012B
Soil Extraction NPD Pesticides	Completed					12/18/15	BC/V	SW3545A
Soil Extraction for PCB	Completed					12/18/15	JC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	JC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					12/21/15	W/W	SW7471B
Soil Extraction for Herbicide	Completed					12/18/15	Q/K	SW8151A
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/16/15		SW5035A

Organophosphate Pesticides

Alachlor	ND	50	50	ug/kg	1	12/29/15	CE	SW8141B	1
Atrazine	ND	50	50	ug/kg	1	12/29/15	CE	SW8141B	1
Azinphos methyl	ND	50	50	ug/kg	1	12/29/15	CE	SW8141B	
Diazinon	ND	50	50	ug/kg	1	12/29/15	CE	SW8141B	
Disulfoton	ND	50	50	ug/kg	1	12/29/15	CE	SW8141B	
Malathion	ND	50	50	ug/kg	1	12/29/15	CE	SW8141B	
Simazine	ND	50	50	ug/kg	1	12/29/15	CE	SW8141B	

QA/QC Surrogates

% 1,3 dimethyl-2-nitrobenzene	66			%	1	12/29/15	CE	30 - 150 %	

Chlorinated Herbicides

2,4,5-T	ND	120	120	ug/Kg	10	12/21/15	BB	SW8151A	
2,4,5-TP (Silvex)	ND	120	120	ug/Kg	10	12/21/15	BB	SW8151A	
2,4-D	ND	120	120	ug/Kg	10	12/21/15	BB	SW8151A	
2,4-DB	ND	1200	1200	ug/Kg	10	12/21/15	BB	SW8151A	
Dalapon	ND	120	120	ug/Kg	10	12/21/15	BB	SW8151A	
Dicamba	ND	250	250	ug/Kg	10	12/21/15	BB	SW8151A	
Dichloroprop	ND	120	120	ug/Kg	10	12/21/15	BB	SW8151A	
Dinoseb	ND	250	250	ug/Kg	10	12/21/15	BB	SW8151A	

QA/QC Surrogates

% DCAA	58			%	10	12/21/15	BB	30 - 150 %	

Polychlorinated Biphenyls

PCB-1016	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1221	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1232	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1242	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1248	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1254	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1260	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1262	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1268	ND	49	49	ug/Kg	2	12/19/15	AW	SW8082A	

QA/QC Surrogates

% DCBP	73			%	2	12/19/15	AW	30 - 150 %	
% TCMX	79			%	2	12/19/15	AW	30 - 150 %	

Pesticides - Soil

4,4' -DDD	ND	2.9	2.9	ug/Kg	2	12/23/15	CE	SW8081B	
4,4' -DDE	ND	2.9	2.9	ug/Kg	2	12/23/15	CE	SW8081B	
4,4' -DDT	ND	2.9	2.9	ug/Kg	2	12/23/15	CE	SW8081B	
a-BHC	ND	9.8	9.8	ug/Kg	2	12/23/15	CE	SW8081B	
a-Chlordane	ND	4.9	4.9	ug/Kg	2	12/23/15	CE	SW8081B	
Aldrin	ND	4.9	4.9	ug/Kg	2	12/23/15	CE	SW8081B	
b-BHC	ND	9.8	9.8	ug/Kg	2	12/23/15	CE	SW8081B	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Chlordane	ND	49	49	ug/Kg	2	12/23/15	CE	SW8081B
d-BHC	ND	9.8	9.8	ug/Kg	2	12/23/15	CE	SW8081B
Dieldrin	ND	4.9	4.9	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan I	ND	9.8	9.8	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan II	ND	9.8	9.8	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan sulfate	ND	9.8	9.8	ug/Kg	2	12/23/15	CE	SW8081B
Endrin	ND	9.8	9.8	ug/Kg	2	12/23/15	CE	SW8081B
Endrin aldehyde	ND	9.8	9.8	ug/Kg	2	12/23/15	CE	SW8081B
Endrin ketone	ND	9.8	9.8	ug/Kg	2	12/23/15	CE	SW8081B
g-BHC	ND	2.0	2.0	ug/Kg	2	12/23/15	CE	SW8081B
g-Chlordane	ND	4.9	4.9	ug/Kg	2	12/23/15	CE	SW8081B
Heptachlor	ND	9.8	9.8	ug/Kg	2	12/23/15	CE	SW8081B
Heptachlor epoxide	ND	9.8	9.8	ug/Kg	2	12/23/15	CE	SW8081B
Methoxychlor	ND	49	49	ug/Kg	2	12/23/15	CE	SW8081B
Toxaphene	ND	200	200	ug/Kg	2	12/23/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	63			%	2	12/23/15	CE	30 - 150 %
% TCMX	55			%	2	12/23/15	CE	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	570	110	ug/Kg	50	12/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
1,1-Dichloroethane	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
1,1-Dichloroethene	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
1,1-Dichloropropene	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	570	110	ug/Kg	50	12/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	570	110	ug/Kg	50	12/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	570	110	ug/Kg	50	12/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dichloropropane	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
2-Chlorotoluene	ND	570	110	ug/Kg	50	12/21/15	JLI	SW8260C
2-Hexanone	ND	44	8.8	ug/Kg	1	12/19/15	JLI	SW8260C
2-Isopropyltoluene	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C
4-Chlorotoluene	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	44	8.8	ug/Kg	1	12/19/15	JLI	SW8260C
Acetone	170	BS 88	8.8	ug/Kg	1	12/19/15	JLI	SW8260C
Acrylonitrile	ND	18	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Benzene	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
Bromobenzene	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromochloromethane	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
Bromodichloromethane	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Bromoform	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Bromomethane	ND	8.8	3.5	ug/Kg	1	12/19/15	JLI	SW8260C
Carbon Disulfide	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Carbon tetrachloride	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Chlorobenzene	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
Chloroethane	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
Chloroform	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
Chloromethane	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
Dibromochloromethane	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Dibromomethane	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Dichlorodifluoromethane	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
Ethylbenzene	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
Hexachlorobutadiene	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C
Isopropylbenzene	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C
m&p-Xylene	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Methyl Ethyl Ketone	37	J 53	8.8	ug/Kg	1	12/19/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	1.9	J 18	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Methylene chloride	ND	8.8	8.8	ug/Kg	1	12/19/15	JLI	SW8260C
Naphthalene	ND	570	110	ug/Kg	50	12/21/15	JLI	SW8260C
n-Butylbenzene	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C
n-Propylbenzene	ND	570	100	ug/Kg	50	12/21/15	JLI	SW8260C
o-Xylene	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
p-Isopropyltoluene	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C
sec-Butylbenzene	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C
Styrene	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
tert-Butylbenzene	ND	570	57	ug/Kg	50	12/21/15	JLI	SW8260C
Tetrachloroethene	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	18	4.4	ug/Kg	1	12/19/15	JLI	SW8260C
Toluene	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	1100	290	ug/Kg	50	12/21/15	JLI	SW8260C
Trichloroethene	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
Trichlorofluoromethane	ND	8.8	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
Vinyl chloride	ND	8.8	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	50	12/21/15	JLI	70 - 130 %
% Bromofluorobenzene	98			%	50	12/21/15	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	12/19/15	JLI	70 - 130 %
% Toluene-d8	95			%	1	12/19/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	70	ug/kg	1	12/19/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	12/19/15	JLI	70 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	88			%	1	12/19/15	JLI	70 - 130 %
% Toluene-d8	95			%	1	12/19/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	35	1.8	ug/Kg	1	12/19/15	JLI	SW8260C
Acrolein	ND	35	4.4	ug/Kg	1	12/19/15	JLI	SW8260C
Acrylonitrile	ND	35	0.88	ug/Kg	1	12/19/15	JLI	SW8260C
Tert-butyl alcohol	ND	180	35	ug/Kg	1	12/19/15	JLI	SW8260C

Volatile Library Search Completed 12/21/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	340	270	ug/Kg	1	12/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	340	120	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	990	340	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrotoluene	ND	340	190	ug/Kg	1	12/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
2-Chloronaphthalene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
2-Chlorophenol	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylnaphthalene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	330	230	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitroaniline	ND	990	500	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitrophenol	ND	340	310	ug/Kg	1	12/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	340	190	ug/Kg	1	12/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	990	230	ug/Kg	1	12/21/15	DD	SW8270D
3-Nitroaniline	ND	990	990	ug/Kg	1	12/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2500	530	ug/Kg	1	12/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloroaniline	ND	390	230	ug/Kg	1	12/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitroaniline	ND	990	160	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitrophenol	ND	490	220	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthylene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Acetophenone	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
Aniline	ND	390	390	ug/Kg	1	12/21/15	DD	SW8270D
Anthracene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Benz(a)anthracene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
Benzidine	ND	990	290	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(a)pyrene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(b)fluoranthene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(ghi)perylene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(k)fluoranthene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Benzoic acid	ND	2500	990	ug/Kg	1	12/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	340	130	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	340	130	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Carbazole	ND	2500	370	ug/Kg	1	12/21/15	DD	SW8270D
Chrysene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	160	ug/Kg	1	12/21/15	DD	SW8270D
Dibenzofuran	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Diethyl phthalate	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Dimethylphthalate	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-butylphthalate	ND	340	130	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-octylphthalate	ND	340	130	ug/Kg	1	12/21/15	DD	SW8270D
Fluoranthene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Fluorene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobenzene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobutadiene	ND	340	180	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
Hexachloroethane	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Isophorone	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Naphthalene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Nitrobenzene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	340	190	ug/Kg	1	12/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	340	180	ug/Kg	1	12/21/15	DD	SW8270D
Pentachlorophenol	ND	340	190	ug/Kg	1	12/21/15	DD	SW8270D
Phenanthrene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Phenol	ND	330	160	ug/Kg	1	12/21/15	DD	SW8270D
Pyrene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
Pyridine	ND	340	120	ug/Kg	1	12/21/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	32			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	29			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorophenol	26			%	1	12/21/15	DD	30 - 130 %
% Nitrobenzene-d5	35			%	1	12/21/15	DD	30 - 130 %
% Phenol-d5	31			%	1	12/21/15	DD	30 - 130 %
% Terphenyl-d14	30			%	1	12/21/15	DD	30 - 130 %
Semivolatile Library Search	Completed					01/08/16	DD	

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

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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

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

Semi-Volatile Comment:

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

Volatile Comment:

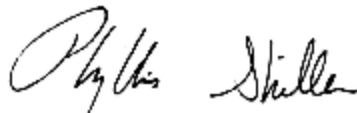
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

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

January 22, 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

January 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: LB
Analyzed by: see "By" below

Date

12/16/15 15:00
12/18/15 17:00

Time

Laboratory Data

SDG ID: GBK41655
Phoenix ID: BK41665

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB5 22-24

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.30	0.30	0.30	mg/Kg	1	12/22/15	LK	SW6010C
Aluminum	6360	30	6.0	mg/Kg	10	12/21/15	LK	SW6010C
Arsenic	5.3	0.6	0.60	mg/Kg	1	12/22/15	LK	SW6010C
Barium	50.3	0.6	0.30	mg/Kg	1	12/22/15	LK	SW6010C
Beryllium	0.45	0.24	0.12	mg/Kg	1	12/22/15	LK	SW6010C
Calcium	1190	3.0	2.8	mg/Kg	1	12/22/15	LK	SW6010C
Cadmium	0.42	0.30	0.12	mg/Kg	1	12/22/15	LK	SW6010C
Cobalt	7.95	0.30	0.30	mg/Kg	1	12/22/15	LK	SW6010C
Chromium	16.2	0.30	0.30	mg/Kg	1	12/22/15	LK	SW6010C
Copper	13.5	0.30	0.30	mg/kg	1	12/22/15	LK	SW6010C
Iron	21900	30	30	mg/Kg	10	12/21/15	LK	SW6010C
Mercury	< 0.02	0.02	0.01	mg/Kg	1	12/22/15	RS	SW7471B
Potassium	1610	N 6	2.3	mg/Kg	1	12/22/15	LK	SW6010C
Magnesium	2960	N 3.0	3.0	mg/Kg	1	12/22/15	LK	SW6010C
Manganese	72.7	0.30	0.30	mg/Kg	1	12/22/15	LK	SW6010C
Sodium	142	6	2.6	mg/Kg	1	12/22/15	LK	SW6010C
Nickel	14.1	0.30	0.30	mg/Kg	1	12/22/15	LK	SW6010C
Lead	8.8	* 0.6	0.30	mg/Kg	1	12/22/15	LK	SW6010C
Antimony	< 1.5	1.5	1.5	mg/Kg	1	12/22/15	LK	SW6010C
Selenium	< 1.2	1.2	1.0	mg/Kg	1	12/22/15	LK	SW6010C
Thallium	< 1.2	1.2	1.2	mg/Kg	1	12/22/15	LK	SW6010C
Vanadium	24.6	0.3	0.30	mg/Kg	1	12/22/15	LK	SW6010C
Zinc	42.5	0.6	0.30	mg/Kg	1	12/22/15	LK	SW6010C
Total Cyanide (SW9010C Distill.)	< 0.50	0.50	0.25	mg/Kg	1	12/21/15	O/GD	SW9012B
Soil Extraction NPD Pesticides	Completed					12/18/15	BC/V	SW3545A
Soil Extraction for PCB	Completed					12/18/15	JC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	JC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					12/21/15	W/W	SW7471B
Soil Extraction for Herbicide	Completed					12/18/15	Q/K	SW8151A
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/16/15		SW5035A

Organophosphate Pesticides

Alachlor	ND	32	32	ug/kg	1	12/29/15	CE	SW8141B	1
Atrazine	ND	32	32	ug/kg	1	12/29/15	CE	SW8141B	1
Azinphos methyl	ND	32	32	ug/kg	1	12/29/15	CE	SW8141B	
Diazinon	ND	32	32	ug/kg	1	12/29/15	CE	SW8141B	
Disulfoton	ND	32	32	ug/kg	1	12/29/15	CE	SW8141B	
Malathion	ND	32	32	ug/kg	1	12/29/15	CE	SW8141B	
Simazine	ND	32	32	ug/kg	1	12/29/15	CE	SW8141B	

QA/QC Surrogates

% 1,3 dimethyl-2-nitrobenzene	47			%	1	12/29/15	CE	30 - 150 %	

Chlorinated Herbicides

2,4,5-T	ND	82	82	ug/Kg	10	12/21/15	BB	SW8151A	
2,4,5-TP (Silvex)	ND	82	82	ug/Kg	10	12/21/15	BB	SW8151A	
2,4-D	ND	82	82	ug/Kg	10	12/21/15	BB	SW8151A	
2,4-DB	ND	820	820	ug/Kg	10	12/21/15	BB	SW8151A	
Dalapon	ND	82	82	ug/Kg	10	12/21/15	BB	SW8151A	
Dicamba	ND	160	160	ug/Kg	10	12/21/15	BB	SW8151A	
Dichloroprop	ND	82	82	ug/Kg	10	12/21/15	BB	SW8151A	
Dinoseb	ND	160	160	ug/Kg	10	12/21/15	BB	SW8151A	

QA/QC Surrogates

% DCAA	67			%	10	12/21/15	BB	30 - 150 %	

Polychlorinated Biphenyls

PCB-1016	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1221	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1232	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1242	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1248	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1254	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1260	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1262	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	
PCB-1268	ND	33	33	ug/Kg	2	12/19/15	AW	SW8082A	

QA/QC Surrogates

% DCBP	81			%	2	12/19/15	AW	30 - 150 %	
% TCMX	84			%	2	12/19/15	AW	30 - 150 %	

Pesticides - Soil

4,4' -DDD	ND	2.0	2.0	ug/Kg	2	12/20/15	CE	SW8081B	
4,4' -DDE	ND	2.0	2.0	ug/Kg	2	12/20/15	CE	SW8081B	
4,4' -DDT	ND	2.0	2.0	ug/Kg	2	12/20/15	CE	SW8081B	
a-BHC	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B	
a-Chlordane	ND	3.3	3.3	ug/Kg	2	12/20/15	CE	SW8081B	
Aldrin	ND	3.3	3.3	ug/Kg	2	12/20/15	CE	SW8081B	
b-BHC	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Chlordane	ND	33	33	ug/Kg	2	12/20/15	CE	SW8081B
d-BHC	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B
Dieldrin	ND	3.3	3.3	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan I	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan II	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan sulfate	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B
Endrin	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B
Endrin aldehyde	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B
Endrin ketone	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B
g-BHC	ND	1.3	1.3	ug/Kg	2	12/20/15	CE	SW8081B
g-Chlordane	ND	3.3	3.3	ug/Kg	2	12/20/15	CE	SW8081B
Heptachlor	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B
Heptachlor epoxide	ND	6.5	6.5	ug/Kg	2	12/20/15	CE	SW8081B
Methoxychlor	ND	33	33	ug/Kg	2	12/20/15	CE	SW8081B
Toxaphene	ND	130	130	ug/Kg	2	12/20/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	67			%	2	12/20/15	CE	30 - 150 %
% TCMX	64			%	2	12/20/15	CE	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
2-Chlorotoluene	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
2-Hexanone	ND	20	4.0	ug/Kg	1	12/19/15	JLI	SW8260C
2-Isopropyltoluene	0.92	J 4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
4-Chlorotoluene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	20	4.0	ug/Kg	1	12/19/15	JLI	SW8260C
Acetone	47	BS 40	4.0	ug/Kg	1	12/19/15	JLI	SW8260C
Acrylonitrile	ND	8.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
Benzene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
Bromobenzene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromochloromethane	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
Bromodichloromethane	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
Bromoform	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
Bromomethane	ND	4.0	1.6	ug/Kg	1	12/19/15	JLI	SW8260C
Carbon Disulfide	3.1	J 4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
Carbon tetrachloride	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
Chlorobenzene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
Chloroethane	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
Chloroform	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
Chloromethane	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
Dibromochloromethane	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
Dibromomethane	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
Ethylbenzene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
Hexachlorobutadiene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
Isopropylbenzene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
m&p-Xylene	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
Methyl Ethyl Ketone	11	J 24	4.0	ug/Kg	1	12/19/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
Methylene chloride	ND	4.0	4.0	ug/Kg	1	12/19/15	JLI	SW8260C
Naphthalene	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
n-Butylbenzene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
n-Propylbenzene	ND	4.0	0.72	ug/Kg	1	12/19/15	JLI	SW8260C
o-Xylene	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
p-Isopropyltoluene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
sec-Butylbenzene	2.0	J 4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
Styrene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
tert-Butylbenzene	0.60	J 4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
Tetrachloroethene	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.0	2.0	ug/Kg	1	12/19/15	JLI	SW8260C
Toluene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.0	2.0	ug/Kg	1	12/19/15	JLI	SW8260C
Trichloroethene	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.0	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
Vinyl chloride	ND	4.0	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	1	12/19/15	JLI	70 - 130 %
% Bromofluorobenzene	103			%	1	12/19/15	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	12/19/15	JLI	70 - 130 %
% Toluene-d8	98			%	1	12/19/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	80	32	ug/kg	1	12/19/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	1	12/19/15	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	103			%	1	12/19/15	JLI	70 - 130 %
% Toluene-d8	98			%	1	12/19/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	16	0.80	ug/Kg	1	12/19/15	JLI	SW8260C
Acrolein	ND	16	2.0	ug/Kg	1	12/19/15	JLI	SW8260C
Acrylonitrile	ND	16	0.40	ug/Kg	1	12/19/15	JLI	SW8260C
Tert-butyl alcohol	ND	80	16	ug/Kg	1	12/19/15	JLI	SW8260C

Volatile Library Search Completed 12/21/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	230	98	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	230	92	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	230	96	ug/Kg	1	12/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	230	96	ug/Kg	1	12/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	230	180	ug/Kg	1	12/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	230	81	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	650	230	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrotoluene	ND	230	130	ug/Kg	1	12/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
2-Chloronaphthalene	ND	230	92	ug/Kg	1	12/21/15	DD	SW8270D
2-Chlorophenol	ND	230	92	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylnaphthalene	ND	230	97	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	230	150	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitroaniline	ND	650	330	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitrophenol	ND	230	210	ug/Kg	1	12/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	230	130	ug/Kg	1	12/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	650	150	ug/Kg	1	12/21/15	DD	SW8270D
3-Nitroaniline	ND	650	650	ug/Kg	1	12/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1600	350	ug/Kg	1	12/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	230	96	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloroaniline	ND	260	150	ug/Kg	1	12/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitroaniline	ND	650	110	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitrophenol	ND	330	150	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthene	ND	230	99	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthylene	ND	230	91	ug/Kg	1	12/21/15	DD	SW8270D
Acetophenone	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Aniline	ND	260	260	ug/Kg	1	12/21/15	DD	SW8270D
Anthracene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benz(a)anthracene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benzidine	ND	650	190	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(a)pyrene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(b)fluoranthene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(ghi)perylene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(k)fluoranthene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Benzoic acid	ND	1600	650	ug/Kg	1	12/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	230	84	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	230	90	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	230	88	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	230	90	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	230	94	ug/Kg	1	12/21/15	DD	SW8270D
Carbazole	ND	1600	250	ug/Kg	1	12/21/15	DD	SW8270D
Chrysene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Dibenzofuran	ND	230	95	ug/Kg	1	12/21/15	DD	SW8270D
Diethyl phthalate	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Dimethylphthalate	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-butylphthalate	ND	230	87	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-octylphthalate	ND	230	84	ug/Kg	1	12/21/15	DD	SW8270D
Fluoranthene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Fluorene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobenzene	ND	230	95	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobutadiene	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Hexachloroethane	ND	230	98	ug/Kg	1	12/21/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Isophorone	ND	230	91	ug/Kg	1	12/21/15	DD	SW8270D
Naphthalene	ND	230	94	ug/Kg	1	12/21/15	DD	SW8270D
Nitrobenzene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	230	92	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
Pentachlorophenol	ND	230	120	ug/Kg	1	12/21/15	DD	SW8270D
Phenanthrene	ND	230	93	ug/Kg	1	12/21/15	DD	SW8270D
Phenol	ND	230	100	ug/Kg	1	12/21/15	DD	SW8270D
Pyrene	ND	230	110	ug/Kg	1	12/21/15	DD	SW8270D
Pyridine	ND	230	80	ug/Kg	1	12/21/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	68			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	54			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorophenol	51			%	1	12/21/15	DD	30 - 130 %
% Nitrobenzene-d5	61			%	1	12/21/15	DD	30 - 130 %
% Phenol-d5	63			%	1	12/21/15	DD	30 - 130 %
% Terphenyl-d14	72			%	1	12/21/15	DD	30 - 130 %
Semivolatile Library Search	Completed					12/21/15	DD	

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

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:

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

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

January 22, 2016

Reviewed and Released by: Jon Carlson, Project Manager

CLIENT ID

Client: EBC

SDG No.: GBK41655

Lab Sample ID: BK41662

Lab File ID: 1221L15.D

Date Received: 12/18/15

Date Analyzed: 12/21/15

Dilution Factor: 1

Soil Aliquot Vol (uL): 5000

CONCENTRATION UNITS:

[illegible]

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41655

Matrix:(soil/water) SOIL

Lab Sample ID: BK41665

Sample wt/vol: 6.24 (g/mL) g

Lab File ID: 1218L63.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec.	0

Date Analyzed: 12/19/15

GC Column: rtx-vms ID: 0.18 (mm)

Dilution Factor: 1

Soil Extract Volume: 5000 (uL)

Soil Aliquot Vol (uL): 5000

Number TICs found: 4

CONCENTRATION UNITS:

(ug/L or ug/KG) ug/Kg

[illegible]

CLIENT ID

15SB1 2-4

Client: EBC

SAS No.:

SDG No.: GBK41655

Lab Sample ID: BK41660

Lab File ID: 1221_16.D

Date Received: 12/18/15

Date Extracted: 12/21/15

Date Analyzed: 12/21/2015

Dilution Factor 1

CONCENTRATION UNITS:

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41655

Matrix:(soil/water) SOIL

Lab Sample ID: BK41661

Sample wt/vol: 15.19 (g/mL) g

Lab File ID: 1221_17.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec. 0 decanted:(Y/N) NA

Date Extracted: 12/21/15

GPC Cleanup (Y/N): N pH: NA

Date Analyzed: 12/21/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 3

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

15SB5 2-4

Client: EBC

SAS No.:

SDG No.: GBK41655

Lab Sample ID: BK41662

Lab File ID: 1218_59.D

Date Received: 12/18/15

Date Extracted: 12/19/15

Date Analyzed: 12/19/2015

Dilution Factor 1

CONCENTRATION UNITS:

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41655

Matrix:(soil/water) SOIL

Lab Sample ID: BK41663

Sample wt/vol: 10.18 (g/mL) g

Lab File ID: 1221_18.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec. 0 decanted:(Y/N) NA

Date Extracted: 12/21/15

GPC Cleanup (Y/N): N pH: NA

Date Analyzed: 12/21/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 15

(ug/L or ug/KG) ug/Kg

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

15SB3 18-20

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.



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

January 22, 2016

QA/QC Data

SDG I.D.: GBK41655

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 330189 (mg/kg), QC Sample No: BK41407 (BK41665)

Mercury - Soil	BRL	0.06	0.06	0.06	NC	99.1	95.9	3.3	98.2	94.2	4.2	75 - 125	30

QA/QC Batch 330102 (mg/kg), QC Sample No: BK41633 (BK41660)

ICP Metals - Soil

Aluminum	BRL	5.0	8420	8330	1.10	95.1	98.0	3.0	NC	NC	NC	80 - 120	30
Antimony	BRL	3.3	2.0	<3.8	NC	96.0	97.8	1.9	96.2	92.6	3.8	70 - 130	30
Arsenic	BRL	0.67	8.7	16.8	63.5	101	106	4.8	101	98.5	2.5	80 - 120	30
Barium	BRL	0.33	303	265	13.4	98.5	104	5.4	>130	67.7	NC	80 - 120	30
Beryllium	BRL	0.27	0.43	0.47	NC	98.4	102	3.6	104	100	3.9	80 - 120	30
Cadmium	BRL	0.33	1.56	1.40	NC	95.8	102	6.3	99.8	95.9	4.0	80 - 120	30
Calcium	BRL	5.0	49300	52000	5.30	103	112	8.4	NC	NC	NC	80 - 120	30
Chromium	BRL	0.33	23.7	25.5	7.30	98.5	102	3.5	105	101	3.9	80 - 120	30
Cobalt	BRL	0.33	7.3	6.6	10.1	99.0	100	1.0	101	98.5	2.5	80 - 120	30
Copper	BRL	0.33	97.9	105	7.00	103	108	4.7	105	99.5	5.4	80 - 120	30
Iron	BRL	5.0	16900	15200	10.6	99.2	101	1.8	NC	NC	NC	80 - 120	30
Lead	BRL	0.33	776	841	8.00	100	101	1.0	>130	>130	NC	80 - 120	30
Magnesium	BRL	5.0	3120	3110	0.30	93.5	94.2	0.7	NC	NC	NC	80 - 120	30
Manganese	BRL	0.33	285	265	7.30	99.1	101	1.9	109	100	8.6	80 - 120	30
Nickel	BRL	0.33	16.6	15.3	8.20	98.8	100	1.2	101	100	1.0	80 - 120	30
Potassium	BRL	5.0	1870	2050	9.20	94.9	96.3	1.5	>130	>130	NC	80 - 120	30
Selenium	BRL	1.3	<1.6	1.7	NC	106	112	5.5	102	99.3	2.7	80 - 120	30
Silver	BRL	0.33	<0.41	<0.38	NC	96.5	101	4.6	103	100	3.0	70 - 130	30
Sodium	BRL	5.0	931	1010	8.10	90.4	86.9	3.9	>130	>130	NC	80 - 120	30
Thallium	BRL	3.0	<1.6	<3.4	NC	103	107	3.8	97.7	95.8	2.0	80 - 120	30
Vanadium	BRL	0.33	23.5	22.9	2.60	89.2	92.3	3.4	102	101	1.0	80 - 120	30
Zinc	BRL	0.33	300	304	1.30	99.1	102	2.9	95.7	97.1	1.5	80 - 120	30

QA/QC Batch 330188 (mg/kg), QC Sample No: BK41633 (BK41660, BK41661, BK41662, BK41663, BK41664)

Mercury - Soil	BRL	0.06	1.00	0.91	9.40	115	111	3.5	>125	<30	NC	75 - 125	30	m

QA/QC Batch 330101 (mg/kg), QC Sample No: BK41661 (BK41661, BK41662, BK41663, BK41664, BK41665)

ICP Metals - Soil

Aluminum	BRL	5.0	6170	6370	3.20	101	107	5.8	NC	NC	NC	80 - 120	30
Antimony	BRL	3.3	2.5	2.7	NC	80.8	82.2	1.7	85.8	81.4	5.3	70 - 130	30
Arsenic	BRL	0.67	13.4	14.1	5.10	99.6	106	6.2	90.0	89.0	1.1	80 - 120	30
Barium	BRL	0.33	743	576	25.3	99.7	106	6.1	NC	NC	NC	80 - 120	30
Beryllium	BRL	0.27	0.53	0.54	NC	96.5	102	5.5	92.9	91.3	1.7	80 - 120	30
Cadmium	BRL	0.33	1.28	1.15	NC	89.2	96.8	8.2	87.8	86.9	1.0	80 - 120	30
Calcium	9.5	5.0	14100	14000	0.70	110	113	2.7	NC	NC	NC	80 - 120	30
Chromium	BRL	0.33	19.0	23.6	21.6	97.1	101	3.9	100	95.8	4.3	80 - 120	30
Cobalt	BRL	0.33	7.15	6.90	3.60	95.8	99.4	3.7	91.1	92.6	1.6	80 - 120	30
Copper	BRL	0.33	938	1010	7.40	98.6	103	4.4	NC	NC	NC	80 - 120	30
Iron	8.9	5.0	26800	26200	2.30	105	112	6.5	NC	NC	NC	80 - 120	30
Lead	BRL	0.33	2790	3990	35.4	97.7	99.8	2.1	NC	NC	NC	80 - 120	30

QA/QC Data

SDG I.D.: GBK41655

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Magnesium	BRL	5.0	686	646	6.00	97.0	100	3.0	>130	NC	NC	80 - 120	30	m
Manganese	BRL	0.33	249	267	7.00	101	102	1.0	109	115	5.4	80 - 120	30	
Nickel	BRL	0.33	15.5	14.9	3.90	94.3	98.9	4.8	91.5	91.5	0.0	80 - 120	30	
Potassium	BRL	5.0	903	916	1.40	117	117	0.0	>130	>130	NC	80 - 120	30	m
Selenium	BRL	1.3	<1.4	1.7	NC	94.6	99.2	4.7	84.7	84.0	0.8	80 - 120	30	
Silver	BRL	0.33	<0.34	0.38	NC	104	111	6.5	103	104	1.0	70 - 130	30	
Sodium	6.1	5.0	362	383	5.60	95.1	98.2	3.2	110	>130	NC	80 - 120	30	m
Thallium	BRL	3.0	<1.4	<2.8	NC	94.7	100	5.4	88.8	88.2	0.7	80 - 120	30	
Vanadium	BRL	0.33	27.4	28.6	4.30	96.2	99.4	3.3	96.9	94.2	2.8	80 - 120	30	
Zinc	BRL	0.33	995	880	12.3	96.9	101	4.1	NC	NC	NC	80 - 120	30	

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.



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

January 22, 2016

QA/QC Data

SDG I.D.: GBK41655

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 330106 (mg/Kg), QC Sample No: BK41660 50X (BK41660, BK41661, BK41662, BK41663, BK41664, BK41665)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	0.523	0.349 B	NC	96.8			101			85 - 115	30



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QA/QC Report

January 22, 2016

QA/QC Data

SDG I.D.: GBK41655

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 330347 (ug/kg), QC Sample No: BK40994 (BK41656, BK41660 (50X) , BK41662 (1X, 50X) , BK41663, BK41664 (50X))										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	5.0	104	108	3.8	103	83	21.5	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	98	99	1.0	99	80	21.2	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	105	106	0.9	99	79	22.5	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	101	102	1.0	93	75	21.4	70 - 130	30
1,1-Dichloroethane	ND	5.0	96	96	0.0	93	75	21.4	70 - 130	30
1,1-Dichloroethene	ND	5.0	95	96	1.0	97	76	24.3	70 - 130	30
1,1-Dichloropropene	ND	5.0	104	106	1.9	104	82	23.7	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	112	118	5.2	73	61	17.9	70 - 130	30 m
1,2,3-Trichloropropane	ND	5.0	103	104	1.0	99	80	21.2	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	116	122	5.0	78	65	18.2	70 - 130	30 m
1,2,4-Trimethylbenzene	ND	1.0	105	108	2.8	93	74	22.8	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	109	111	1.8	99	80	21.2	70 - 130	30
1,2-Dibromoethane	ND	5.0	106	106	0.0	97	78	21.7	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	101	102	1.0	94	77	19.9	70 - 130	30
1,2-Dichloroethane	ND	5.0	101	100	1.0	95	77	20.9	70 - 130	30
1,2-Dichloropropane	ND	5.0	99	100	1.0	95	77	20.9	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	105	108	2.8	102	83	20.5	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	102	104	1.9	95	78	19.7	70 - 130	30
1,3-Dichloropropane	ND	5.0	102	102	0.0	94	77	19.9	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	101	103	2.0	93	77	18.8	70 - 130	30
1,4-dioxane	ND	100	95	98	3.1	102	90	12.5	70 - 130	30
2,2-Dichloropropane	ND	5.0	97	98	1.0	94	74	23.8	70 - 130	30
2-Chlorotoluene	ND	5.0	104	105	1.0	102	83	20.5	70 - 130	30
2-Hexanone	ND	25	104	100	3.9	87	70	21.7	70 - 130	30
2-Isopropyltoluene	ND	5.0	101	104	2.9	101	83	19.6	70 - 130	30
4-Chlorotoluene	ND	5.0	100	102	2.0	96	77	22.0	70 - 130	30
4-Methyl-2-pentanone	ND	25	106	103	2.9	90	71	23.6	70 - 130	30
Acetone	ND	10	82	79	3.7	114	88	25.7	70 - 130	30
Acrolein	ND	25	110	108	1.8	96	73	27.2	70 - 130	30
Acrylonitrile	ND	5.0	100	97	3.0	87	70	21.7	70 - 130	30
Benzene	ND	1.0	100	101	1.0	98	79	21.5	70 - 130	30
Bromobenzene	ND	5.0	99	101	2.0	98	80	20.2	70 - 130	30
Bromochloromethane	ND	5.0	98	99	1.0	93	74	22.8	70 - 130	30
Bromodichloromethane	ND	5.0	106	106	0.0	100	81	21.0	70 - 130	30
Bromoform	ND	5.0	110	110	0.0	98	80	20.2	70 - 130	30
Bromomethane	ND	5.0	115	113	1.8	122	100	19.8	70 - 130	30
Carbon Disulfide	ND	5.0	95	95	0.0	92	73	23.0	70 - 130	30
Carbon tetrachloride	ND	5.0	99	101	2.0	100	82	19.8	70 - 130	30
Chlorobenzene	ND	5.0	101	102	1.0	98	79	21.5	70 - 130	30
Chloroethane	ND	5.0	100	104	3.9	105	84	22.2	70 - 130	30

QA/QC Data

SDG I.D.: GBK41655

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chloroform	ND	5.0	97	97	0.0	94	77	19.9	70 - 130	30
Chloromethane	ND	5.0	99	99	0.0	93	76	20.1	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	98	102	4.0	94	75	22.5	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	101	102	1.0	93	75	21.4	70 - 130	30
Dibromochloromethane	ND	3.0	108	110	1.8	100	81	21.0	70 - 130	30
Dibromomethane	ND	5.0	102	101	1.0	92	73	23.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	117	120	2.5	115	91	23.3	70 - 130	30
Ethylbenzene	ND	1.0	103	106	2.9	103	82	22.7	70 - 130	30
Hexachlorobutadiene	ND	5.0	105	108	2.8	101	82	20.8	70 - 130	30
Isopropylbenzene	ND	1.0	102	106	3.8	104	84	21.3	70 - 130	30
m&p-Xylene	ND	2.0	104	106	1.9	98	77	24.0	70 - 130	30
Methyl ethyl ketone	ND	5.0	92	90	2.2	80	66	19.2	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	94	93	1.1	86	70	20.5	70 - 130	30
Methylene chloride	ND	5.0	87	87	0.0	115	99	15.0	70 - 130	30
Naphthalene	ND	5.0	122	127	4.0	90	78	14.3	70 - 130	30
n-Butylbenzene	ND	1.0	109	112	2.7	101	85	17.2	70 - 130	30
n-Propylbenzene	ND	1.0	101	103	2.0	100	81	21.0	70 - 130	30
o-Xylene	ND	2.0	105	107	1.9	102	83	20.5	70 - 130	30
p-Isopropyltoluene	ND	1.0	109	112	2.7	106	87	19.7	70 - 130	30
sec-Butylbenzene	ND	1.0	106	109	2.8	107	87	20.6	70 - 130	30
Styrene	ND	5.0	108	109	0.9	102	82	21.7	70 - 130	30
tert-butyl alcohol	ND	100	111	110	0.9	113	97	15.2	70 - 130	30
tert-Butylbenzene	ND	1.0	102	104	1.9	104	86	18.9	70 - 130	30
Tetrachloroethene	ND	5.0	102	104	1.9	101	81	22.0	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	99	97	2.0	86	69	21.9	70 - 130	30
Toluene	ND	1.0	101	102	1.0	98	79	21.5	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	98	102	4.0	98	77	24.0	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	104	102	1.9	93	75	21.4	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	109	108	0.9	92	74	21.7	70 - 130	30
Trichloroethene	ND	5.0	102	103	1.0	100	80	22.2	70 - 130	30
Trichlorofluoromethane	ND	5.0	97	99	2.0	99	80	21.2	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	99	99	0.0	101	79	24.4	70 - 130	30
Vinyl chloride	ND	5.0	104	104	0.0	99	80	21.2	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	100	100	0.0	99	100	1.0	70 - 130	30
% Bromofluorobenzene	97	%	101	101	0.0	101	100	1.0	70 - 130	30
% Dibromofluoromethane	97	%	98	96	2.1	97	96	1.0	70 - 130	30
% Toluene-d8	100	%	100	100	0.0	100	100	0.0	70 - 130	30

QA/QC Batch 330088 (ug/Kg), QC Sample No: BK41633 2X (BK41660, BK41661, BK41662, BK41663, BK41664)

Pesticides - Soil

4,4' -DDD	ND	1.7	91	73	22.0	62	56	10.2	30 - 150	30
4,4' -DDE	ND	1.7	88	74	17.3	70	66	5.9	40 - 140	30
4,4' -DDT	ND	1.7	92	74	21.7	107	88	19.5	30 - 150	30
a-BHC	ND	1.0	87	71	20.3	53	61	14.0	30 - 150	30
a-Chlordane	ND	3.3	90	74	19.5	71	69	2.9	30 - 150	30
Aldrin	ND	1.0	87	71	20.3	57	60	5.1	40 - 140	30
b-BHC	ND	1.0	83	70	17.0	54	63	15.4	30 - 150	30
Chlordane	ND	3.3	84	69	19.6	61	61	0.0	30 - 150	30
d-BHC	ND	3.3	68	56	19.4	41	47	13.6	30 - 150	30
Dieldrin	ND	1.0	87	71	20.3	60	58	3.4	40 - 140	30
Endosulfan I	ND	3.3	90	72	22.2	61	62	1.6	30 - 150	30
Endosulfan II	ND	3.3	90	74	19.5	60	60	0.0	30 - 150	30
Endosulfan sulfate	ND	3.3	83	67	21.3	55	55	0.0	40 - 140	30

QA/QC Data

SDG I.D.: GBK41655

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Endrin	ND	3.3	89	73	19.8	64	63	1.6	40 - 140	30
Endrin aldehyde	ND	3.3	87	70	21.7	69	60	14.0	30 - 150	30
Endrin ketone	ND	3.3	91	74	20.6	67	63	6.2	30 - 150	30
g-BHC	ND	1.0	88	72	20.0	53	61	14.0	40 - 140	30
g-Chlordane	ND	3.3	84	69	19.6	61	61	0.0	40 - 140	30
Heptachlor	ND	3.3	90	74	19.5	58	75	25.6	40 - 140	30
Heptachlor epoxide	ND	3.3	89	75	17.1	64	64	0.0	30 - 150	30
Methoxychlor	ND	3.3	92	73	23.0	63	62	1.6	30 - 150	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	30 - 150	30
% DCBP	83	%	83	68	19.9	66	61	7.9	30 - 150	30
% TCMX	67	%	69	63	9.1	55	60	8.7	30 - 150	30

QA/QC Batch 330091 (ug/Kg), QC Sample No: BK41633 2X (BK41660, BK41661, BK41662, BK41663, BK41664)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	87	86	1.2	83	88	5.8	30 - 120	30
PCB-1221	ND	33							30 - 150	30
PCB-1232	ND	33							30 - 150	30
PCB-1242	ND	33							30 - 150	30
PCB-1248	ND	33							30 - 150	30
PCB-1254	ND	33							30 - 150	30
PCB-1260	ND	33	102	100	2.0	90	96	6.5	30 - 150	30
PCB-1262	ND	33							30 - 150	30
PCB-1268	ND	33							30 - 150	30
% DCBP (Surrogate Rec)	83	%	124	120	3.3	107	113	5.5	30 - 150	20
% TCMX (Surrogate Rec)	70	%	98	98	0.0	89	92	3.3	30 - 150	20

QA/QC Batch 330103 (ug/Kg), QC Sample No: BK41660 2X (BK41660, BK41661, BK41662, BK41663, BK41664, BK41665)

Chlorinated Herbicides - Soil

2,4,5-T	ND	8.3	38	37	2.7	37	43	15.0	30 - 150	30
2,4,5-TP (Silvex)	ND	8.3	61	60	1.7	47	61	25.9	30 - 150	30
2,4-D	ND	8.3	40	40	0.0	32	35	9.0	30 - 150	30
2,4-DB	ND	67	101	80	23.2	69	74	7.0	30 - 150	30
Dalapon	ND	8.3	55	57	3.6	51	43	17.0	30 - 150	30
Dicamba	ND	17	81	80	1.2	65	54	18.5	30 - 150	30
Dichloroprop	ND	8.3	60	59	1.7	83	53	44.1	30 - 150	30
Dinoseb	ND	17	53	54	1.9	80	87	8.4	40 - 140	30
% DCAA (Surrogate Rec)	89	%	66	65	1.5	60	59	1.7	30 - 150	30

Comment:

The LCS and LCSD recovered low for 2,4,5,-T but passed in the MS and MSD

QA/QC Batch 330192 (ug/kg), QC Sample No: BK41661 (BK41655 (1000X) , BK41657 (1000X) , BK41658 (50X) , BK41659, BK41660, BK41661 (1X, 50X) , BK41664, BK41665)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	5.0	105	106	0.9	101	102	1.0	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	106	107	0.9	100	101	1.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	99	102	3.0	97	97	0.0	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	98	102	4.0	97	98	1.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	99	100	1.0	93	93	0.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	105	105	0.0	89	88	1.1	70 - 130	30
1,1-Dichloropropene	ND	5.0	112	112	0.0	108	108	0.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	94	98	4.2	101	106	4.8	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	98	102	4.0	101	100	1.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	96	99	3.1	102	108	5.7	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	102	102	0.0	101	101	0.0	70 - 130	30

QA/QC Data

SDG I.D.: GBK41655

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2-Dibromo-3-chloropropane	ND	5.0	109	115	5.4	99	102	3.0	70 - 130	30	
1,2-Dibromoethane	ND	5.0	102	106	3.8	97	99	2.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	103	104	1.0	101	102	1.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	109	111	1.8	103	102	1.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	103	104	1.0	99	98	1.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	111	110	0.9	108	107	0.9	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	104	104	0.0	102	104	1.9	70 - 130	30	
1,3-Dichloropropane	ND	5.0	99	102	3.0	96	97	1.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	102	102	0.0	100	102	2.0	70 - 130	30	
1,4-dioxane	ND	100	101	104	2.9	97	100	3.0	70 - 130	30	
2,2-Dichloropropane	ND	5.0	104	106	1.9	98	99	1.0	70 - 130	30	
2-Chlorotoluene	ND	5.0	109	108	0.9	82	84	2.4	70 - 130	30	
2-Hexanone	ND	25	106	114	7.3	100	101	1.0	70 - 130	30	
2-Isopropyltoluene	ND	5.0	103	102	1.0	102	101	1.0	70 - 130	30	
4-Chlorotoluene	ND	5.0	104	103	1.0	100	101	1.0	70 - 130	30	
4-Methyl-2-pentanone	ND	25	109	115	5.4	104	104	0.0	70 - 130	30	
Acetone	6.4 JS	10	93	96	3.2	70	72	2.8	70 - 130	30	
Acrolein	ND	25	149	156	4.6	132	133	0.8	70 - 130	30	l,m
Acrylonitrile	ND	5.0	100	103	3.0	91	94	3.2	70 - 130	30	
Benzene	ND	1.0	104	105	1.0	100	99	1.0	70 - 130	30	
Bromobenzene	ND	5.0	105	105	0.0	103	103	0.0	70 - 130	30	
Bromochloromethane	ND	5.0	100	102	2.0	95	98	3.1	70 - 130	30	
Bromodichloromethane	ND	5.0	110	112	1.8	103	104	1.0	70 - 130	30	
Bromoform	ND	5.0	106	111	4.6	100	103	3.0	70 - 130	30	
Bromomethane	ND	5.0	74	77	4.0	45	53	16.3	70 - 130	30	m
Carbon Disulfide	ND	5.0	107	106	0.9	88	89	1.1	70 - 130	30	
Carbon tetrachloride	ND	5.0	109	109	0.0	96	98	2.1	70 - 130	30	
Chlorobenzene	ND	5.0	103	104	1.0	100	101	1.0	70 - 130	30	
Chloroethane	ND	5.0	108	107	0.9	41	41	0.0	70 - 130	30	m
Chloroform	ND	5.0	100	102	2.0	97	97	0.0	70 - 130	30	
Chloromethane	ND	5.0	90	92	2.2	86	87	1.2	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	94	96	2.1	92	91	1.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	104	106	1.9	100	101	1.0	70 - 130	30	
Dibromochloromethane	ND	3.0	110	112	1.8	101	103	2.0	70 - 130	30	
Dibromomethane	ND	5.0	100	104	3.9	98	99	1.0	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	126	126	0.0	121	120	0.8	70 - 130	30	
Ethylbenzene	ND	1.0	111	112	0.9	106	107	0.9	70 - 130	30	
Hexachlorobutadiene	ND	5.0	108	110	1.8	110	111	0.9	70 - 130	30	
Isopropylbenzene	ND	1.0	113	113	0.0	107	106	0.9	70 - 130	30	
m&p-Xylene	ND	2.0	113	113	0.0	109	109	0.0	70 - 130	30	
Methyl ethyl ketone	ND	5.0	94	99	5.2	89	90	1.1	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	104	105	1.0	99	99	0.0	70 - 130	30	
Methylene chloride	ND	5.0	95	96	1.0	93	93	0.0	70 - 130	30	
Naphthalene	ND	5.0	104	112	7.4	103	110	6.6	70 - 130	30	
n-Butylbenzene	ND	1.0	93	92	1.1	91	92	1.1	70 - 130	30	
n-Propylbenzene	ND	1.0	106	104	1.9	102	101	1.0	70 - 130	30	
o-Xylene	ND	2.0	114	113	0.9	108	108	0.0	70 - 130	30	
p-Isopropyltoluene	ND	1.0	104	103	1.0	103	102	1.0	70 - 130	30	
sec-Butylbenzene	ND	1.0	108	108	0.0	106	105	0.9	70 - 130	30	
Styrene	ND	5.0	115	115	0.0	112	112	0.0	70 - 130	30	
tert-butyl alcohol	ND	100	115	114	0.9	109	110	0.9	70 - 130	30	
tert-Butylbenzene	ND	1.0	109	109	0.0	106	105	0.9	70 - 130	30	
Tetrachloroethene	ND	5.0	108	109	0.9	107	107	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBK41655

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Tetrahydrofuran (THF)	ND	5.0	101	106	4.8	92	94	2.2	70 - 130	30
Toluene	ND	1.0	107	109	1.9	104	104	0.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	104	104	0.0	100	99	1.0	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	106	109	2.8	103	103	0.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	101	104	2.9	95	96	1.0	70 - 130	30
Trichloroethene	ND	5.0	107	108	0.9	103	103	0.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	107	106	0.9	30	31	3.3	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	108	108	0.0	92	92	0.0	70 - 130	30
Vinyl chloride	ND	5.0	105	103	1.9	95	98	3.1	70 - 130	30
% 1,2-dichlorobenzene-d4	103	%	101	101	0.0	101	100	1.0	70 - 130	30
% Bromofluorobenzene	100	%	103	104	1.0	104	105	1.0	70 - 130	30
% Dibromofluoromethane	97	%	97	96	1.0	95	97	2.1	70 - 130	30
% Toluene-d8	100	%	102	102	0.0	101	100	1.0	70 - 130	30

QA/QC Batch 330093 (ug/kg), QC Sample No: BK41662 (BK41660, BK41661, BK41662, BK41663, BK41664, BK41665)

Organophosphate Pesticides - Soil

Alachlor	ND	17	117	120	2.5	120	132	9.5	30 - 150	30
Atrazine	ND	17	126	130	3.1	104	115	10.0	30 - 150	30
Azinphos Methyl	ND	17	115	118	2.6	127	194	41.7	30 - 150	30
Diazinon	ND	17	117	124	5.8	99	109	9.6	30 - 150	30
Disulfoton	ND	17	120	121	0.8	82	91	10.4	30 - 150	30
Malathion	ND	17	73	83	12.8	76	86	12.3	30 - 150	30
Simazine	ND	17	117	123	5.0	98	109	10.6	30 - 150	30
% 1,3 dimethyl-2-nitrobenzene	114	%	103	103	0.0	79	92	15.2	30 - 150	30

QA/QC Batch 330089 (ug/Kg), QC Sample No: BK41665 2X (BK41665)

Pesticides - Soil

4,4' -DDD	ND	1.7	80	88	9.5	68	60	12.5	30 - 150	30
4,4' -DDE	ND	1.7	78	87	10.9	70	62	12.1	40 - 140	30
4,4' -DDT	ND	1.7	80	91	12.9	70	64	9.0	30 - 150	30
a-BHC	ND	1.0	75	85	12.5	69	61	12.3	30 - 150	30
a-Chlordane	ND	3.3	79	89	11.9	71	64	10.4	30 - 150	30
Aldrin	ND	1.0	75	85	12.5	68	61	10.9	40 - 140	30
b-BHC	ND	1.0	72	82	13.0	86	73	16.4	30 - 150	30
Chlordane	ND	3.3	73	82	11.6	64	59	8.1	30 - 150	30
d-BHC	ND	3.3	59	67	12.7	71	60	16.8	30 - 150	30
Dieldrin	ND	1.0	77	86	11.0	66	60	9.5	40 - 140	30
Endosulfan I	ND	3.3	82	89	8.2	70	62	12.1	30 - 150	30
Endosulfan II	ND	3.3	81	90	10.5	69	63	9.1	30 - 150	30
Endosulfan sulfate	ND	3.3	74	82	10.3	62	57	8.4	40 - 140	30
Endrin	ND	3.3	79	89	11.9	71	64	10.4	40 - 140	30
Endrin aldehyde	ND	3.3	77	86	11.0	67	61	9.4	30 - 150	30
Endrin ketone	ND	3.3	81	91	11.6	69	64	7.5	30 - 150	30
g-BHC	ND	1.0	76	86	12.3	75	63	17.4	40 - 140	30
g-Chlordane	ND	3.3	73	82	11.6	64	59	8.1	40 - 140	30
Heptachlor	ND	3.3	78	89	13.2	91	78	15.4	40 - 140	30
Heptachlor epoxide	ND	3.3	78	88	12.0	72	62	14.9	30 - 150	30
Methoxychlor	ND	3.3	80	91	12.9	69	64	7.5	30 - 150	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	30 - 150	30
% DCBP	85	%	75	83	10.1	63	59	6.6	30 - 150	30
% TCMX	73	%	59	69	15.6	57	56	1.8	30 - 150	30

QA/QC Data

SDG I.D.: GBK41655

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 330092 (ug/Kg), QC Sample No: BK41665 2X (BK41665)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	33	79	87	9.6	72	82	13.0	30 - 120	30
PCB-1221	ND	33							30 - 150	30
PCB-1232	ND	33							30 - 150	30
PCB-1242	ND	33							30 - 150	30
PCB-1248	ND	33							30 - 150	30
PCB-1254	ND	33							30 - 150	30
PCB-1260	ND	33	77	85	9.9	69	79	13.5	30 - 150	30
PCB-1262	ND	33							30 - 150	30
PCB-1268	ND	33							30 - 150	30
% DCBP (Surrogate Rec)	88	%	89	93	4.4	76	86	12.3	30 - 150	20
% TCMX (Surrogate Rec)	89	%	87	90	3.4	74	85	13.8	30 - 150	20
QA/QC Batch 330087 (ug/kg), QC Sample No: BK41665 (BK41655, BK41656, BK41657, BK41660, BK41661, BK41662, BK41663, BK41664, BK41665)										
Semivolatiles - Soil										
1,2,4,5-Tetrachlorobenzene	ND	230	65	68	4.5	56			30 - 130	30
1,2,4-Trichlorobenzene	ND	230	66	68	3.0	55			30 - 130	30
1,2-Dichlorobenzene	ND	180	62	61	1.6	56			30 - 130	30
1,2-Diphenylhydrazine	ND	230	74	79	6.5	58			30 - 130	30
1,3-Dichlorobenzene	ND	230	60	60	0.0	53			30 - 130	30
1,4-Dichlorobenzene	ND	230	57	56	1.8	50			30 - 130	30
2,4,5-Trichlorophenol	ND	230	71	72	1.4	59			30 - 130	30
2,4,6-Trichlorophenol	ND	130	74	78	5.3	62			30 - 130	30
2,4-Dichlorophenol	ND	130	72	76	5.4	58			30 - 130	30
2,4-Dimethylphenol	ND	230	63	71	11.9	60			30 - 130	30
2,4-Dinitrophenol	ND	230	<10	<10	NC	49			30 - 130	30
2,4-Dinitrotoluene	ND	130	78	82	5.0	60			30 - 130	30
2,6-Dinitrotoluene	ND	130	81	85	4.8	64			30 - 130	30
2-Chloronaphthalene	ND	230	71	73	2.8	59			30 - 130	30
2-Chlorophenol	ND	230	70	72	2.8	64			30 - 130	30
2-Methylnaphthalene	ND	230	71	74	4.1	60			30 - 130	30
2-Methylphenol (o-cresol)	ND	230	70	72	2.8	58			30 - 130	30
2-Nitroaniline	ND	330	64	70	9.0	54			30 - 130	30
2-Nitrophenol	ND	230	63	69	9.1	59			30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	78	75	3.9	64			30 - 130	30
3,3'-Dichlorobenzidine	ND	130	67	72	7.2	65			30 - 130	30
3-Nitroaniline	ND	330	65	71	8.8	55			30 - 130	30
4,6-Dinitro-2-methylphenol	ND	230	27	22	20.4	58			30 - 130	30
4-Bromophenyl phenyl ether	ND	230	75	81	7.7	65			30 - 130	30
4-Chloro-3-methylphenol	ND	230	79	85	7.3	65			30 - 130	30
4-Chloroaniline	ND	230	55	57	3.6	50			30 - 130	30
4-Chlorophenyl phenyl ether	ND	230	72	77	6.7	59			30 - 130	30
4-Nitroaniline	ND	230	78	87	10.9	63			30 - 130	30
4-Nitrophenol	ND	230	77	87	12.2	61			30 - 130	30
Acenaphthene	ND	230	72	76	5.4	61			30 - 130	30
Acenaphthylene	ND	130	73	77	5.3	61			30 - 130	30
Acetophenone	ND	230	66	67	1.5	60			30 - 130	30
Aniline	ND	330	48	48	0.0	55			30 - 130	30
Anthracene	ND	230	76	84	10.0	64			30 - 130	30
Benz(a)anthracene	ND	230	77	84	8.7	65			30 - 130	30
Benzidine	ND	330	31	48	43.0	17			30 - 130	30

QA/QC Data

SDG I.D.: GBK41655

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Benzo(a)pyrene	ND	130	76	82	7.6	63			30 - 130	30
Benzo(b)fluoranthene	ND	160	79	86	8.5	71			30 - 130	30
Benzo(ghi)perylene	ND	230	80	82	2.5	59			30 - 130	30
Benzo(k)fluoranthene	ND	230	82	83	1.2	67			30 - 130	30
Benzoic Acid	ND	330	<10	<10	NC	24			30 - 130	30
Benzyl butyl phthalate	ND	230	83	87	4.7	67			30 - 130	30
Bis(2-chloroethoxy)methane	ND	230	71	75	5.5	60			30 - 130	30
Bis(2-chloroethyl)ether	ND	130	60	64	6.5	53			30 - 130	30
Bis(2-chloroisopropyl)ether	ND	230	59	59	0.0	48			30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	230	83	90	8.1	65			30 - 130	30
Carbazole	ND	330	79	84	6.1	63			30 - 130	30
Chrysene	ND	230	83	87	4.7	66			30 - 130	30
Dibenz(a,h)anthracene	ND	130	80	85	6.1	60			30 - 130	30
Dibenzofuran	ND	230	72	76	5.4	59			30 - 130	30
Diethyl phthalate	ND	230	76	82	7.6	60			30 - 130	30
Dimethylphthalate	ND	230	76	80	5.1	59			30 - 130	30
Di-n-butylphthalate	ND	230	83	90	8.1	67			30 - 130	30
Di-n-octylphthalate	ND	230	85	90	5.7	67			30 - 130	30
Fluoranthene	ND	230	77	84	8.7	64			30 - 130	30
Fluorene	ND	230	73	80	9.2	63			30 - 130	30
Hexachlorobenzene	ND	130	74	79	6.5	63			30 - 130	30
Hexachlorobutadiene	ND	230	60	64	6.5	51			30 - 130	30
Hexachlorocyclopentadiene	ND	230	57	63	10.0	16			30 - 130	30
Hexachloroethane	ND	130	58	53	9.0	46			30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	79	83	4.9	61			30 - 130	30
Isophorone	ND	130	67	73	8.6	59			30 - 130	30
Naphthalene	ND	230	66	69	4.4	57			30 - 130	30
Nitrobenzene	ND	130	70	70	0.0	65			30 - 130	30
N-Nitrosodimethylamine	ND	230	50	48	4.1	49			30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	69	71	2.9	65			30 - 130	30
N-Nitrosodiphenylamine	ND	130	75	82	8.9	61			30 - 130	30
Pentachloronitrobenzene	ND	230	70	80	13.3	60			30 - 130	30
Pentachlorophenol	ND	230	46	32	35.9	49			30 - 130	30
Phenanthrene	ND	130	78	83	6.2	63			30 - 130	30
Phenol	ND	230	74	74	0.0	62			30 - 130	30
Pyrene	ND	230	76	87	13.5	66			30 - 130	30
Pyridine	ND	230	35	35	0.0	37			30 - 130	30
% 2,4,6-Tribromophenol	50	%	73	77	5.3	63			30 - 130	30
% 2-Fluorobiphenyl	65	%	68	71	4.3	57			30 - 130	30
% 2-Fluorophenol	48	%	60	65	8.0	54			30 - 130	30
% Nitrobenzene-d5	65	%	70	71	1.4	62			30 - 130	30
% Phenol-d5	61	%	72	74	2.7	63			30 - 130	30
% Terphenyl-d14	69	%	73	80	9.2	63			30 - 130	30

Comment:

MSD not reported for this batch.

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.

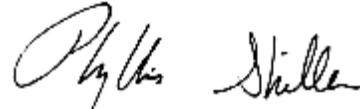
QA/QC Data

SDG I.D.: GBK41655

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								

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
January 22, 2016

Sample Criteria Exceedences Report

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

GBK41655 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41655	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	8900	20	20	ug/Kg
BK41655	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	8900	210	210	ug/Kg
BK41655	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	8900	900	900	ug/Kg
BK41655	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	8900	20	20	ug/Kg
BK41655	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	8900	330	330	ug/Kg
BK41655	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	8900	330	330	ug/Kg
BK41655	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	10000	89000	50	50	ug/Kg
BK41655	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	10000	89000	50	50	ug/Kg
BK41655	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	8900	50	50	ug/Kg
BK41655	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	8900	50	50	ug/Kg
BK41655	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	8900	190	190	ug/Kg
BK41655	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	8900	190	190	ug/Kg
BK41655	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	8900	270	270	ug/Kg
BK41655	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	8900	270	270	ug/Kg
BK41655	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	1900	8900	250	250	ug/Kg
BK41655	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1900	8900	250	250	ug/Kg
BK41655	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	54000	120	120	ug/Kg
BK41655	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	54000	120	120	ug/Kg
BK41655	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Ground Water Protection	ND	8900	370	370	ug/Kg
BK41655	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	8900	370	370	ug/Kg
BK41655	\$8260MADPR	1,1,1-Trichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	8900	680	680	ug/Kg
BK41655	\$8260MADPR	1,1,1-Trichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	8900	680	680	ug/Kg
BK41655	\$8260MADPR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Ground Water Protection	ND	18000	930	930	ug/Kg
BK41655	\$8260MADPR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	18000	930	930	ug/Kg
BK41655	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	8900	760	760	ug/Kg
BK41655	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Residential	ND	8900	1400	1400	ug/Kg
BK41655	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	8900	2400	2400	ug/Kg
BK41655	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	8900	760	760	ug/Kg
BK41655	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	8900	60	60	ug/Kg
BK41655	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Residential	ND	8900	2900	2900	ug/Kg
BK41655	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Residential Restricted	ND	8900	4800	4800	ug/Kg
BK41655	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	8900	60	60	ug/Kg
BK41655	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	8900	20	20	ug/Kg
BK41655	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential	ND	8900	2300	2300	ug/Kg
BK41655	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential Restricted	ND	8900	3100	3100	ug/Kg
BK41655	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	8900	20	20	ug/Kg
BK41655	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	8900	470	470	ug/Kg
BK41655	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	8900	470	470	ug/Kg
BK41655	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	8900	700	700	ug/Kg
BK41655	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	8900	700	700	ug/Kg
BK41655	\$8260MADPR	Chlorobenzene	NY / 375-6.8 Volatiles / Ground Water Protection	8000	8900	1100	1100	ug/Kg
BK41655	\$8260MADPR	Chlorobenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	8000	8900	1100	1100	ug/Kg

Sample Criteria Exceedences Report

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

GBK41655 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41655	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	2900	8900	1000	1000	ug/Kg
BK41655	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2900	8900	1000	1000	ug/Kg
BK41655	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	4800	8900	3900	3900	ug/Kg
BK41655	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	4800	8900	3900	3900	ug/Kg
BK41655	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	18000	8900	11000	11000	ug/Kg
BK41655	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	18000	8900	11000	11000	ug/Kg
BK41655	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	510	290	500	500	ug/Kg
BK41655	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	510	290	500	500	ug/Kg
BK41655	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	510	290	500	500	ug/Kg
BK41655	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	180000	100	100	ug/kg
BK41655	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Residential	ND	180000	9800	9800	ug/kg
BK41655	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Residential Restricted	ND	180000	13000	13000	ug/kg
BK41655	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	180000	100	100	ug/kg
BK41657	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	6900	20	20	ug/Kg
BK41657	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	6900	210	210	ug/Kg
BK41657	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	6900	900	900	ug/Kg
BK41657	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	6900	20	20	ug/Kg
BK41657	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	6900	330	330	ug/Kg
BK41657	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	6900	330	330	ug/Kg
BK41657	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	69000	50	50	ug/Kg
BK41657	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	69000	50	50	ug/Kg
BK41657	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	6900	50	50	ug/Kg
BK41657	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	6900	50	50	ug/Kg
BK41657	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	6900	190	190	ug/Kg
BK41657	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	6900	190	190	ug/Kg
BK41657	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	6900	270	270	ug/Kg
BK41657	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	6900	270	270	ug/Kg
BK41657	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	6900	250	250	ug/Kg
BK41657	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	6900	250	250	ug/Kg
BK41657	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	42000	120	120	ug/Kg
BK41657	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	42000	120	120	ug/Kg
BK41657	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Ground Water Protection	ND	6900	370	370	ug/Kg
BK41657	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	6900	370	370	ug/Kg
BK41657	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	6900	60	60	ug/Kg
BK41657	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Residential	ND	6900	2900	2900	ug/Kg
BK41657	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Residential Restricted	ND	6900	4800	4800	ug/Kg
BK41657	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	6900	60	60	ug/Kg
BK41657	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	6900	20	20	ug/Kg
BK41657	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential	ND	6900	2300	2300	ug/Kg
BK41657	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential Restricted	ND	6900	3100	3100	ug/Kg
BK41657	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	6900	20	20	ug/Kg

Sample Criteria Exceedences Report

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

GBK41655 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41657	\$8260MADPR	tert-Butylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	6100	6900	5900	5900	ug/Kg
BK41657	\$8260MADPR	tert-Butylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	6100	6900	5900	5900	ug/Kg
BK41657	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	26000	6900	11000	11000	ug/Kg
BK41657	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	26000	6900	11000	11000	ug/Kg
BK41657	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1200	300	1000	1000	ug/Kg
BK41657	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1100	300	1000	1000	ug/Kg
BK41657	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	550	300	500	500	ug/Kg
BK41657	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1200	300	1000	1000	ug/Kg
BK41657	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1200	300	1000	1000	ug/Kg
BK41657	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1100	300	1000	1000	ug/Kg
BK41657	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	550	300	500	500	ug/Kg
BK41657	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	300	1000	1000	ug/Kg
BK41657	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	300	1000	1000	ug/Kg
BK41657	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	550	300	500	500	ug/Kg
BK41657	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	840	300	800	800	ug/Kg
BK41657	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	300	1000	1000	ug/Kg
BK41657	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	300	1000	1000	ug/Kg
BK41657	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	300	1000	1000	ug/Kg
BK41657	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	140000	100	100	ug/kg
BK41657	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Residential	ND	140000	9800	9800	ug/kg
BK41657	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Residential Restricted	ND	140000	13000	13000	ug/kg
BK41657	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	140000	100	100	ug/kg
BK41660	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	430	300	250	250	ug/Kg
BK41660	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	430	300	250	250	ug/Kg
BK41660	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	6600	300	470	470	ug/Kg
BK41660	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	6600	300	470	470	ug/Kg
BK41660	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	630	230	500	500	ug/Kg
BK41660	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	630	230	500	500	ug/Kg
BK41660	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	630	230	500	500	ug/Kg
BK41660	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	87.7	0.31	30		mg/Kg
BK41660	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	52.4	0.31	50	50	mg/kg
BK41660	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.72	0.03	0.18	0.18	mg/Kg
BK41660	NI-SM	Nickel	NY / 375-6.8 Metals / Ground Water Protection	138	3.1	130	130	mg/Kg
BK41660	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	138	3.1	30	30	mg/Kg
BK41660	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	228	6.2	63	63	mg/Kg
BK41660	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	577	6.2	109	109	mg/Kg
BK41661	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	13.4	0.7	13	13	mg/Kg
BK41661	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	743	0.7	350	350	mg/Kg
BK41661	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	743	0.7	400	400	mg/Kg
BK41661	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	743	0.7	350	350	mg/Kg

Sample Criteria Exceedences Report

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

GBK41655 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41661	CU-SM	Copper	NY / 375-6.8 Metals / Residential	938	3.4	270	270	mg/kg
BK41661	CU-SM	Copper	NY / 375-6.8 Metals / Residential Restricted	938	3.4	270	270	mg/kg
BK41661	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	938	3.4	50	50	mg/kg
BK41661	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	2.75	0.24	0.73	0.73	mg/Kg
BK41661	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.75	0.24	0.81	0.81	mg/Kg
BK41661	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.75	0.24	0.81	0.81	mg/Kg
BK41661	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.75	0.24	0.18	0.18	mg/Kg
BK41661	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	2790	63	450	450	mg/Kg
BK41661	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	2790	63	400	400	mg/Kg
BK41661	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	2790	63	400	400	mg/Kg
BK41661	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	2790	63	63	63	mg/Kg
BK41661	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	995	6.8	109	109	mg/Kg
BK41662	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	780	220	470	470	ug/Kg
BK41662	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	780	220	470	470	ug/Kg
BK41662	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4300	230	1000	1000	ug/Kg
BK41662	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	4300	230	1000	1000	ug/Kg
BK41662	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	4300	230	1000	1000	ug/Kg
BK41662	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4300	230	1000	1000	ug/Kg
BK41662	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4400	230	1000	1000	ug/Kg
BK41662	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	4400	230	1000	1000	ug/Kg
BK41662	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	4400	230	3900	3900	ug/Kg
BK41662	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4400	230	1000	1000	ug/Kg
BK41662	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	3900	230	1700	1700	ug/Kg
BK41662	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3900	230	1000	1000	ug/Kg
BK41662	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	3900	230	1000	1000	ug/Kg
BK41662	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3900	230	1000	1000	ug/Kg
BK41662	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	3300	230	1700	1700	ug/Kg
BK41662	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3300	230	1000	1000	ug/Kg
BK41662	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3300	230	800	800	ug/Kg
BK41662	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	4500	230	1000	1000	ug/Kg
BK41662	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	4500	230	1000	1000	ug/Kg
BK41662	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4500	230	1000	1000	ug/Kg
BK41662	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	2400	230	500	500	ug/Kg
BK41662	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2400	230	500	500	ug/Kg
BK41662	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2400	230	500	500	ug/Kg
BK41662	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	450	230	330	330	ug/Kg
BK41662	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	450	230	330	330	ug/Kg
BK41662	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	450	230	330	330	ug/Kg
BK41662	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	50.4	0.31	50	50	mg/kg
BK41662	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	0.92	0.02	0.73	0.73	mg/Kg
BK41662	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	0.92	0.02	0.81	0.81	mg/Kg

Sample Criteria Exceedences Report

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

GBK41655 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41662	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	0.92	0.02	0.81	0.81	mg/Kg
BK41662	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.92	0.02	0.18	0.18	mg/Kg
BK41662	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	190	6.2	63	63	mg/Kg
BK41662	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	177	6.2	109	109	mg/Kg
BK41663	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	210	55	50	50	ug/Kg
BK41663	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	210	55	50	50	ug/Kg
BK41664	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	170	88	50	50	ug/Kg
BK41664	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	170	88	50	50	ug/Kg
BK41664	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.55	0.03	0.18	0.18	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 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

January 22, 2016

SDG I.D.: GBK41655

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



Environmental Laboratories, Inc.

Ridge, NY 11961

Invoice to: Environmental Business Consultants

☐ Fax: ☐ Phone: ☒ Email:

Contact Options:

Temp $^{\circ}\text{C}$ Pg 1 of 2Coolant: IPK ☒ ICE ☐ No ☐
Cooler: Yes ☐ No ☒

Date: 12-16-15

Analysis Request

Comments, Special Requirements or Regulations:

4

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☐ 3 Days*☐ Non-Res. Criteria
☐ Impact to GW Soil

Data Format

☒ Phoenix Std Report

☒ PDF

☐ GIS/Key☒ Equip
☐ N.I Hazsite EDD☒ NY EZ EDD (ASP)☐ Other

Data Package

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



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

Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

This section MUST be completed with Bottle Quantities.

Sampler's
Signature Thomas Gallo

Client Sample - Information - Identification

Date: 12-16-15

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 USE ONLY	DATE SAMPLED	TIME SAMPLED
SAMPLE #	CUSTOMER IDENTIFICATION	SAMPLE MATRIX	
41660	15SB1 (2-4)	S	12-16 14:00
41661	15SB3 (2-4)	S	12-16 13:00
41662	15SB5 (2-4)	S	12-16 15:00
41663	15SB1 (18-20)	S	12-16 14:00
41664	15SB3 (18-20)	S	12-16 13:00
41665	15SB5 (22-24)	S	12-16 15:00

Analysis Request

Relinquished by:

Accepted By:

Time:

Turnaround:

2

NY

Data Format

Thunjaallo

05-73

12-18-14	17:00
12-18-14	
12-18-14	

☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days

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

☒ ☒

☐ Phoenix S
☒ Excel
☒ PDF
☐ GIS/Key

Comments. Special Requirements or Regulations:

State where samples were collected:

Data Package

Data Package

☐ NJ Reduced Deliv. *

☒ NY Enhanced (ASP B) *

☐ Other



Wednesday, January 20, 2016

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

Project ID: 65 ECKFORD ST., BROOKLYN
Sample ID#s: BK41633 - BK41654

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.

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, 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.
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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 65 ECKFORD ST., BROOKLYN
Laboratory Project: GBK41633



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

January 20, 2016

SDG I.D.: GBK41633

Environmental Business Consultants 65 ECKFORD ST., BROOKLYN

Methodology Summary

Volatiles

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

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.



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NY Analytical Services Protocol Format

January 20, 2016

SDG I.D.: GBK41633

Environmental Business Consultants 65 ECKFORD ST., BROOKLYN

Sample Id Cross Reference

Client Id	Lab Id	Matrix
15SB2 0-2	BK41633	SOIL
15SB2 11-13	BK41634	SOIL
15SB2 18-20	BK41635	SOIL
15SB4 0-2	BK41636	SOIL
15SB4 11-13	BK41637	SOIL
15SB4 18-20	BK41638	SOIL
15SB6 0-2	BK41639	SOIL
15SB6 11-13	BK41640	SOIL
15SB6 18-20	BK41641	SOIL
SOIL DUPLICATE	BK41642	SOIL
15SB10 0-2	BK41643	SOIL
15SB7 0-2	BK41644	SOIL
15SB7 11-13	BK41645	SOIL
15SB7 18-20	BK41646	SOIL
15SB8 0-2	BK41647	SOIL
15SB8 11-13	BK41648	SOIL
15SB8 18-20	BK41649	SOIL
15SB9 0-2	BK41650	SOIL
15SB9 11-13	BK41651	SOIL
15SB9 18-20	BK41652	SOIL
15SB10 11-13	BK41653	SOIL
15SB10 18-20	BK41654	SOIL



Environmental Laboratories, Inc.
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Laboratory Chronicle

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

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BK41633	1,4-dioxane	12/17/15	12/21/15	12/21/15	JLI	Y
BK41633	Aluminum	12/17/15	12/18/15	12/19/15	LK	Y
BK41633	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41633	Arsenic	12/17/15	12/18/15	12/19/15	LK	Y
BK41633	Barium	12/17/15	12/18/15	12/20/15	LK	Y
BK41633	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41633	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y
BK41633	Calcium	12/17/15	12/18/15	12/19/15	LK	Y
BK41633	Chromium	12/17/15	12/18/15	12/19/15	LK	Y
BK41633	Cobalt	12/17/15	12/18/15	12/19/15	LK	Y
BK41633	Copper	12/17/15	12/18/15	12/19/15	LK	Y
BK41633	Iron	12/17/15	12/18/15	12/19/15	LK	Y
BK41633	Lead	12/17/15	12/18/15	12/19/15	LK	Y
BK41633	Magnesium	12/17/15	12/18/15	12/19/15	LK	Y
BK41633	Manganese	12/17/15	12/18/15	12/19/15	LK	Y
BK41633	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41633	Nickel	12/17/15	12/18/15	12/19/15	LK	Y
BK41633	Pesticides - Soil	12/17/15	12/18/15	12/19/15	CE	Y
BK41633	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y
BK41633	Potassium	12/17/15	12/18/15	12/20/15	LK	Y
BK41633	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41633	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41633	Silver	12/17/15	12/18/15	12/20/15	LK	Y
BK41633	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41633	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41633	Vanadium	12/17/15	12/18/15	12/19/15	LK	Y
BK41633	Volatiles	12/17/15	12/21/15	12/21/15	JLI	Y
BK41633	Volatiles	12/17/15	12/21/15	12/21/15	JLI	Y
BK41633	Zinc	12/17/15	12/18/15	12/19/15	LK	Y
BK41634	1,4-dioxane	12/17/15	12/21/15	12/21/15	JLI	Y
BK41634	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41634	Volatiles	12/17/15	12/21/15	12/21/15	JLI	Y



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BK41634	Volatiles	12/17/15	12/21/15	12/21/15	JLI	Y
BK41635	1,4-dioxane	12/17/15	12/21/15	12/21/15	JLI	Y
BK41635	Aluminum	12/17/15	12/18/15	12/19/15	LK	Y
BK41635	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Arsenic	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Barium	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Calcium	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Chromium	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Cobalt	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Copper	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Iron	12/17/15	12/18/15	12/19/15	LK	Y
BK41635	Lead	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Magnesium	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Manganese	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41635	Nickel	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Pesticides - Soil	12/17/15	12/18/15	12/23/15	CE	Y
BK41635	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y
BK41635	Potassium	12/17/15	12/18/15	12/19/15	LK	Y
BK41635	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41635	Silver	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Vanadium	12/17/15	12/18/15	12/20/15	LK	Y
BK41635	Volatiles	12/17/15	12/21/15	12/21/15	JLI	Y
BK41635	Volatiles	12/17/15	12/21/15	12/21/15	JLI	Y
BK41635	Zinc	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	1,4-dioxane	12/17/15	12/21/15	12/21/15	JLI	Y
BK41636	Aluminum	12/17/15	12/18/15	12/19/15	LK	Y
BK41636	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Arsenic	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Barium	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y



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BK41636	Calcium	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Chromium	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Cobalt	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Copper	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Iron	12/17/15	12/18/15	12/19/15	LK	Y
BK41636	Lead	12/17/15	12/18/15	12/19/15	LK	Y
BK41636	Magnesium	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Manganese	12/17/15	12/18/15	12/19/15	LK	Y
BK41636	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41636	Nickel	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Pesticides - Soil	12/17/15	12/18/15	12/19/15	CE	Y
BK41636	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y
BK41636	Potassium	12/17/15	12/18/15	12/19/15	LK	Y
BK41636	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41636	Silver	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Vanadium	12/17/15	12/18/15	12/20/15	LK	Y
BK41636	Volatiles	12/17/15	12/21/15	12/21/15	JLI	Y
BK41636	Volatiles	12/17/15	12/21/15	12/21/15	JLI	Y
BK41636	Zinc	12/17/15	12/18/15	12/19/15	LK	Y
BK41637	1,4-dioxane	12/17/15	12/21/15	12/21/15	JLI	Y
BK41637	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41637	Volatiles	12/17/15	12/21/15	12/21/15	JLI	Y
BK41637	Volatiles	12/17/15	12/21/15	12/21/15	JLI	Y
BK41638	1,4-dioxane	12/17/15	12/21/15	12/21/15	JLI	Y
BK41638	Aluminum	12/17/15	12/18/15	12/19/15	LK	Y
BK41638	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Arsenic	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Barium	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Calcium	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Chromium	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Cobalt	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Copper	12/17/15	12/18/15	12/20/15	LK	Y



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BK41638	Iron	12/17/15	12/18/15	12/19/15	LK	Y
BK41638	Lead	12/17/15	12/18/15	12/19/15	LK	Y
BK41638	Magnesium	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Manganese	12/17/15	12/18/15	12/19/15	LK	Y
BK41638	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41638	Nickel	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Pesticides - Soil	12/17/15	12/18/15	12/23/15	CE	Y
BK41638	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y
BK41638	Potassium	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41638	Silver	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Vanadium	12/17/15	12/18/15	12/20/15	LK	Y
BK41638	Volatiles	12/17/15	12/21/15	12/21/15	JLI	Y
BK41638	Volatiles	12/17/15	12/21/15	12/21/15	JLI	Y
BK41638	Zinc	12/17/15	12/18/15	12/19/15	LK	Y
BK41639	1,4-dioxane	12/17/15	12/23/15	12/23/15	JLI	Y
BK41639	Aluminum	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Arsenic	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Barium	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Calcium	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Chromium	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Cobalt	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Copper	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Iron	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Lead	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Magnesium	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Manganese	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41639	Nickel	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Pesticides - Soil	12/17/15	12/18/15	12/23/15	CE	Y
BK41639	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y



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BK41639	Potassium	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41639	Silver	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Vanadium	12/17/15	12/18/15	12/20/15	LK	Y
BK41639	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41639	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41639	Zinc	12/17/15	12/18/15	12/20/15	LK	Y
BK41640	1,4-dioxane	12/17/15	12/23/15	12/23/15	JLI	Y
BK41640	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41640	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41640	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41641	1,4-dioxane	12/17/15	12/22/15	12/22/15	JLI	Y
BK41641	Aluminum	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Arsenic	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Barium	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Calcium	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Chromium	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Cobalt	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Copper	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Iron	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Lead	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Magnesium	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Manganese	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41641	Nickel	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Pesticides - Soil	12/17/15	12/18/15	12/23/15	CE	Y
BK41641	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y
BK41641	Potassium	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41641	Silver	12/17/15	12/18/15	12/20/15	LK	Y



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BK41641	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Vanadium	12/17/15	12/18/15	12/20/15	LK	Y
BK41641	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41641	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41641	Zinc	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	1,4-dioxane	12/17/15	12/22/15	12/22/15	JLI	Y
BK41642	Aluminum	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Arsenic	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Barium	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Calcium	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Chromium	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Cobalt	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Copper	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Iron	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Lead	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Magnesium	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Manganese	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41642	Nickel	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Pesticides - Soil	12/17/15	12/18/15	12/19/15	CE	Y
BK41642	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y
BK41642	Potassium	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41642	Silver	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Vanadium	12/17/15	12/18/15	12/20/15	LK	Y
BK41642	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41642	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41642	Zinc	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	1,4-dioxane	12/17/15	12/22/15	12/22/15	JLI	Y
BK41643	Aluminum	12/17/15	12/18/15	12/20/15	LK	Y



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BK41643	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Arsenic	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Barium	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Calcium	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Chromium	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Cobalt	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Copper	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Iron	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Lead	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Magnesium	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Manganese	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41643	Nickel	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Pesticides - Soil	12/17/15	12/18/15	12/19/15	CE	Y
BK41643	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y
BK41643	Potassium	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41643	Silver	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Vanadium	12/17/15	12/18/15	12/20/15	LK	Y
BK41643	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41643	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41643	Zinc	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	1,4-dioxane	12/17/15	12/22/15	12/22/15	JLI	Y
BK41644	Aluminum	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Arsenic	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Barium	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Calcium	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Chromium	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Cobalt	12/17/15	12/18/15	12/20/15	LK	Y



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BK41644	Copper	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Iron	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Lead	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Magnesium	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Manganese	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41644	Nickel	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Pesticides - Soil	12/17/15	12/18/15	12/19/15	CE	Y
BK41644	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y
BK41644	Potassium	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Semivolatiles	12/17/15	12/18/15	12/21/15	DD	Y
BK41644	Silver	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Vanadium	12/17/15	12/18/15	12/20/15	LK	Y
BK41644	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41644	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41644	Zinc	12/17/15	12/18/15	12/20/15	LK	Y
BK41645	1,4-dioxane	12/17/15	12/22/15	12/22/15	JLI	Y
BK41645	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41645	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41645	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41646	1,4-dioxane	12/17/15	12/22/15	12/22/15	JLI	Y
BK41646	Aluminum	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Arsenic	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Barium	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Calcium	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Chromium	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Cobalt	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Copper	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Iron	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Lead	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Magnesium	12/17/15	12/18/15	12/20/15	LK	Y



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BK41646	Manganese	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41646	Nickel	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Pesticides - Soil	12/17/15	12/18/15	12/19/15	CE	Y
BK41646	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y
BK41646	Potassium	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Semivolatiles	12/17/15	12/18/15	12/21/15	DD	Y
BK41646	Silver	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Vanadium	12/17/15	12/18/15	12/20/15	LK	Y
BK41646	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41646	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41646	Zinc	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	1,4-dioxane	12/17/15	12/22/15	12/22/15	JLI	Y
BK41647	Aluminum	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Arsenic	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Barium	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Calcium	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Chromium	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Cobalt	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Copper	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Iron	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Lead	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Magnesium	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Manganese	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41647	Nickel	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Pesticides - Soil	12/17/15	12/18/15	12/20/15	CE	Y
BK41647	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y
BK41647	Potassium	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y



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BK41647	Silver	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Vanadium	12/17/15	12/18/15	12/20/15	LK	Y
BK41647	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41647	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41647	Zinc	12/17/15	12/18/15	12/20/15	LK	Y
BK41648	1,4-dioxane	12/17/15	12/23/15	12/23/15	JLI	Y
BK41648	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41648	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41648	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41649	1,4-dioxane	12/17/15	12/23/15	12/23/15	JLI	Y
BK41649	Aluminum	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Arsenic	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Barium	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Calcium	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Chromium	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Cobalt	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Copper	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Iron	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Lead	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Magnesium	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Manganese	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41649	Nickel	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Pesticides - Soil	12/17/15	12/18/15	12/20/15	CE	Y
BK41649	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y
BK41649	Potassium	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Semivolatiles	12/17/15	12/18/15	12/21/15	DD	Y
BK41649	Silver	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41649	Vanadium	12/17/15	12/18/15	12/20/15	LK	Y



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BK41649	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41649	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41649	Zinc	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	1,4-dioxane	12/17/15	12/22/15	12/22/15	JLI	Y
BK41650	Aluminum	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Arsenic	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Barium	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Calcium	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Chromium	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Cobalt	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Copper	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Iron	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Lead	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Magnesium	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Manganese	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41650	Nickel	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Pesticides - Soil	12/17/15	12/18/15	12/20/15	CE	Y
BK41650	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y
BK41650	Potassium	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41650	Silver	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Vanadium	12/17/15	12/18/15	12/20/15	LK	Y
BK41650	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41650	Volatiles	12/17/15	12/22/15	12/22/15	JLI	Y
BK41650	Zinc	12/17/15	12/18/15	12/20/15	LK	Y
BK41651	1,4-dioxane	12/17/15	12/23/15	12/23/15	JLI	Y
BK41651	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41651	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41651	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41652	1,4-dioxane	12/17/15	12/23/15	12/23/15	JLI	Y



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BK41652	Aluminum	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Arsenic	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Barium	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Calcium	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Chromium	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Cobalt	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Copper	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Iron	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Lead	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Magnesium	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Manganese	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41652	Nickel	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Pesticides - Soil	12/17/15	12/18/15	12/23/15	CE	Y
BK41652	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y
BK41652	Potassium	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Semivolatiles	12/17/15	12/18/15	12/19/15	DD	Y
BK41652	Silver	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Vanadium	12/17/15	12/18/15	12/20/15	LK	Y
BK41652	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41652	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41652	Zinc	12/17/15	12/18/15	12/20/15	LK	Y
BK41653	1,4-dioxane	12/17/15	12/23/15	12/23/15	JLI	Y
BK41653	Semivolatiles	12/17/15	12/18/15	12/21/15	DD	Y
BK41653	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41653	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41654	1,4-dioxane	12/17/15	12/23/15	12/23/15	JLI	Y
BK41654	Aluminum	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Antimony	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Arsenic	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Barium	12/17/15	12/18/15	12/20/15	LK	Y



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BK41654	Beryllium	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Cadmium	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Calcium	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Chromium	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Cobalt	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Copper	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Iron	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Lead	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Magnesium	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Manganese	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Mercury	12/17/15	12/21/15	12/21/15	RS	Y
BK41654	Nickel	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Pesticides - Soil	12/17/15	12/18/15	12/23/15	CE	Y
BK41654	Polychlorinated Biphenyls	12/17/15	12/18/15	12/19/15	AW	Y
BK41654	Potassium	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Selenium	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Semivolatiles	12/17/15	12/18/15	12/21/15	DD	Y
BK41654	Silver	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Sodium	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Thallium	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Vanadium	12/17/15	12/18/15	12/20/15	LK	Y
BK41654	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41654	Volatiles	12/17/15	12/23/15	12/23/15	JLI	Y
BK41654	Zinc	12/17/15	12/18/15	12/20/15	LK	Y



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SDG Comments

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Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

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

Due to the concentration of target and non-target compounds not all of the requested criteria could be achieved.



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Analysis Report

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

12/18/15 17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41633

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB2 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.41	0.41	0.41	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	8420	41	8.2	mg/Kg	10	12/19/15	LK	SW6010C
Arsenic	8.7	* 8.2	8.2	mg/Kg	10	12/19/15	LK	SW6010C
Barium	303	N 0.8	0.41	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.43	0.33	0.16	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	49300	41	38	mg/Kg	10	12/19/15	LK	SW6010C
Cadmium	1.56	0.41	0.16	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	7.3	4.1	4.1	mg/Kg	10	12/19/15	LK	SW6010C
Chromium	23.7	4.1	4.1	mg/Kg	10	12/19/15	LK	SW6010C
Copper	97.9	4.1	4.1	mg/kg	10	12/19/15	LK	SW6010C
Iron	16900	41	41	mg/Kg	10	12/19/15	LK	SW6010C
Mercury	1.00	N 0.03	0.02	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1870	N 8	3.2	mg/Kg	1	12/20/15	LK	SW6010C
Magnesium	3120	41	41	mg/Kg	10	12/19/15	LK	SW6010C
Manganese	285	4.1	4.1	mg/Kg	10	12/19/15	LK	SW6010C
Sodium	931	N 8	3.5	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	16.6	4.1	4.1	mg/Kg	10	12/19/15	LK	SW6010C
Lead	776	N 8.2	4.1	mg/Kg	10	12/19/15	LK	SW6010C
Antimony	2.0	2.0	2.0	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 1.6	B 1.6	1.4	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 1.6	1.6	1.6	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	23.5	4.1	4.1	mg/Kg	10	12/19/15	LK	SW6010C
Zinc	300	8.2	4.1	mg/Kg	10	12/19/15	LK	SW6010C
Percent Solid	84			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	CC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	CC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	114			%	2	12/19/15	AW	30 - 150 %
% TCMX	86			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	12/19/15	CE	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	12/19/15	CE	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	12/19/15	CE	SW8081B
a-BHC	ND	7.8	7.8	ug/Kg	2	12/19/15	CE	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	12/19/15	CE	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	12/19/15	CE	SW8081B
b-BHC	ND	7.8	7.8	ug/Kg	2	12/19/15	CE	SW8081B
Chlordane	ND	39	39	ug/Kg	2	12/19/15	CE	SW8081B
d-BHC	ND	7.8	7.8	ug/Kg	2	12/19/15	CE	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan I	ND	7.8	7.8	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan II	ND	7.8	7.8	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	2	12/19/15	CE	SW8081B
Endrin	ND	7.8	7.8	ug/Kg	2	12/19/15	CE	SW8081B
Endrin aldehyde	ND	7.8	7.8	ug/Kg	2	12/19/15	CE	SW8081B
Endrin ketone	ND	7.8	7.8	ug/Kg	2	12/19/15	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	12/19/15	CE	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	12/19/15	CE	SW8081B
Heptachlor	ND	7.8	7.8	ug/Kg	2	12/19/15	CE	SW8081B
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	2	12/19/15	CE	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	12/19/15	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	12/19/15	CE	SW8081B

QA/QC Surrogates

% DCBP	75			%	2	12/19/15	CE	30 - 150 %
% TCMX	74			%	2	12/19/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
2-Chlorotoluene	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
2-Hexanone	ND	20	3.9	ug/Kg	1	12/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
4-Chlorotoluene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	20	3.9	ug/Kg	1	12/21/15	JLI	SW8260C
Acetone	ND	39	3.9	ug/Kg	1	12/21/15	JLI	SW8260C
Acrylonitrile	ND	7.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
Benzene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
Bromobenzene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
Bromochloromethane	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
Bromodichloromethane	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
Bromoform	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
Bromomethane	ND	3.9	1.6	ug/Kg	1	12/21/15	JLI	SW8260C
Carbon Disulfide	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
Carbon tetrachloride	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
Chlorobenzene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
Chloroethane	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
Chloroform	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
Chloromethane	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	450	360	36	ug/Kg	50	12/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
Dibromochloromethane	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
Dibromomethane	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
Ethylbenzene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
Isopropylbenzene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
m&p-Xylene	110	J 360	71	ug/Kg	50	12/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	24	3.9	ug/Kg	1	12/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
Methylene chloride	ND	3.9	3.9	ug/Kg	1	12/21/15	JLI	SW8260C
Naphthalene	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
n-Butylbenzene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	3.9	0.71	ug/Kg	1	12/21/15	JLI	SW8260C
o-Xylene	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
sec-Butylbenzene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
Styrene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
tert-Butylbenzene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
Tetrachloroethene	350	J 360	71	ug/Kg	50	12/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.9	2.0	ug/Kg	1	12/21/15	JLI	SW8260C
Toluene	360	360	36	ug/Kg	50	12/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.9	2.0	ug/Kg	1	12/21/15	JLI	SW8260C
Trichloroethene	4000	360	36	ug/Kg	50	12/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	3.9	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
Vinyl chloride	ND	3.9	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	12/21/15	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	12/21/15	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	12/21/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	12/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	79	31	ug/kg	1	12/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	12/21/15	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	12/21/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	12/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	16	0.79	ug/Kg	1	12/21/15	JLI	SW8260C
Acrolein	ND	16	2.0	ug/Kg	1	12/21/15	JLI	SW8260C
Acrylonitrile	ND	16	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	79	16	ug/Kg	1	12/21/15	JLI	SW8260C
Client MS/MSD	Completed					12/21/15		
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	270	140	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	270	97	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	780	270	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chloronaphthalene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Chlorophenol	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	780	400	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	270	250	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	780	190	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	780	780	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2000	420	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	780	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	390	180	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Aniline	ND	310	310	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	140	J 270	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	780	230	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	160	J 270	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	140	J 270	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	2000	780	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	150	J 270	110	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	2000	300	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	160	J 270	130	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	160	J 270	100	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	270	100	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	210	J 270	130	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Naphthalene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Nitrobenzene	ND	270	140	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	270	150	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	270	150	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	120	J 270	110	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	210	J 270	130	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	270	96	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	75			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	72			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	46			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	81			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	62			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	64			%	1	12/19/15	DD	30 - 130 %
Semivolatile Library Search	Completed					01/08/16	DD	

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:

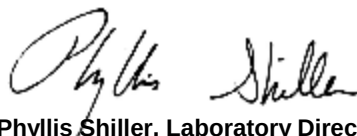
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41634

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB2 11-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	72			%		12/18/15	LK	SW846-%Solid
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Field Extraction	Completed					12/17/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	680	340	ug/Kg	500	12/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	1100	340	ug/Kg	500	12/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	2400	340	ug/Kg	500	12/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	1800	340	ug/Kg	500	12/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C
2-Chlorotoluene	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C
2-Hexanone	ND	17000	3400	ug/Kg	500	12/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	7800	D 6900	690	ug/Kg	1000	12/21/15	JLI	SW8260C	1
4-Chlorotoluene	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	17000	3400	ug/Kg	500	12/21/15	JLI	SW8260C	
Acetone	ND	34000	3400	ug/Kg	500	12/21/15	JLI	SW8260C	
Acrylonitrile	ND	6900	690	ug/Kg	500	12/21/15	JLI	SW8260C	
Benzene	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
Bromobenzene	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
Bromochloromethane	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
Bromodichloromethane	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C	
Bromoform	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C	
Bromomethane	ND	3400	1400	ug/Kg	500	12/21/15	JLI	SW8260C	
Carbon Disulfide	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C	
Carbon tetrachloride	ND	760	690	ug/Kg	500	12/21/15	JLI	SW8260C	
Chlorobenzene	ND	1100	340	ug/Kg	500	12/21/15	JLI	SW8260C	
Chloroethane	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
Chloroform	ND	370	340	ug/Kg	500	12/21/15	JLI	SW8260C	
Chloromethane	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
Dibromochloromethane	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C	
Dibromomethane	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
Ethylbenzene	ND	1000	340	ug/Kg	500	12/21/15	JLI	SW8260C	
Hexachlorobutadiene	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
Isopropylbenzene	570	J 3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
m&p-Xylene	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	21000	3400	ug/Kg	500	12/21/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	930	690	ug/Kg	500	12/21/15	JLI	SW8260C	
Methylene chloride	ND	3400	3400	ug/Kg	500	12/21/15	JLI	SW8260C	
Naphthalene	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C	
n-Butylbenzene	5900	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
n-Propylbenzene	ND	3400	620	ug/Kg	500	12/21/15	JLI	SW8260C	
o-Xylene	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C	
p-Isopropyltoluene	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
sec-Butylbenzene	15000	D 6900	690	ug/Kg	1000	12/21/15	JLI	SW8260C	
Styrene	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
tert-Butylbenzene	3200	D 3000	690	ug/Kg	1000	12/21/15	JLI	SW8260C	
Tetrachloroethene	ND	1300	690	ug/Kg	500	12/21/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	6900	1700	ug/Kg	500	12/21/15	JLI	SW8260C	1
Toluene	ND	700	340	ug/Kg	500	12/21/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	6900	1700	ug/Kg	500	12/21/15	JLI	SW8260C	
Trichloroethene	ND	470	340	ug/Kg	500	12/21/15	JLI	SW8260C	
Trichlorofluoromethane	ND	3400	690	ug/Kg	500	12/21/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
Vinyl chloride	ND	3400	340	ug/Kg	500	12/21/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	102			%	500	12/21/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	136			%	500	12/21/15	JLI	70 - 130 %	3
% Dibromofluoromethane	100			%	500	12/21/15	JLI	70 - 130 %	
% Toluene-d8	98			%	500	12/21/15	JLI	70 - 130 %	
<u>1,4-dioxane</u>									
1,4-dioxane	ND	69000	28000	ug/kg	500	12/21/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	102			%	500	12/21/15	JLI	70 - 130 %	3
% Bromofluorobenzene	136			%	500	12/21/15	JLI	70 - 130 %	
% Toluene-d8	98			%	500	12/21/15	JLI	70 - 130 %	
<u>Volatiles</u>									
1,1,1,2-Tetrachloroethane	ND	14000	690	ug/Kg	500	12/21/15	JLI	SW8260C	
Acrolein	ND	14000	1700	ug/Kg	500	12/21/15	JLI	SW8260C	
Acrylonitrile	ND	14000	340	ug/Kg	500	12/21/15	JLI	SW8260C	
Tert-butyl alcohol	ND	69000	14000	ug/Kg	500	12/21/15	JLI	SW8260C	
<u>Semivolatiles</u>									
1,2,4,5-Tetrachlorobenzene	ND	320	160	ug/Kg	1	12/19/15	DD	SW8270D	1
1,2,4-Trichlorobenzene	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D	
1,2-Dichlorobenzene	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D	
1,2-Diphenylhydrazine	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D	
1,3-Dichlorobenzene	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D	
1,4-Dichlorobenzene	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D	
2,4,5-Trichlorophenol	ND	320	250	ug/Kg	1	12/19/15	DD	SW8270D	
2,4,6-Trichlorophenol	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D	
2,4-Dichlorophenol	ND	320	160	ug/Kg	1	12/19/15	DD	SW8270D	
2,4-Dimethylphenol	ND	320	110	ug/Kg	1	12/19/15	DD	SW8270D	
2,4-Dinitrophenol	ND	930	320	ug/Kg	1	12/19/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	320	180	ug/Kg	1	12/19/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D	
2-Chloronaphthalene	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D	
2-Chlorophenol	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D	
2-Methylnaphthalene	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	320	220	ug/Kg	1	12/19/15	DD	SW8270D	
2-Nitroaniline	ND	930	470	ug/Kg	1	12/19/15	DD	SW8270D	
2-Nitrophenol	ND	320	290	ug/Kg	1	12/19/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	320	180	ug/Kg	1	12/19/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	930	220	ug/Kg	1	12/19/15	DD	SW8270D	
3-Nitroaniline	ND	930	930	ug/Kg	1	12/19/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	2300	500	ug/Kg	1	12/19/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	320	160	ug/Kg	1	12/19/15	DD	SW8270D	
4-Chloroaniline	ND	370	220	ug/Kg	1	12/19/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	320	160	ug/Kg	1	12/19/15	DD	SW8270D	
4-Nitroaniline	ND	930	150	ug/Kg	1	12/19/15	DD	SW8270D	
4-Nitrophenol	ND	460	210	ug/Kg	1	12/19/15	DD	SW8270D	
Acenaphthene	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D	
Acenaphthylene	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D	
Acetophenone	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	370	370	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	ND	320	160	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	930	270	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	ND	320	160	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	2300	930	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	320	120	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	320	120	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	570	320	130	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	2300	350	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	ND	320	160	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	320	120	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	320	120	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	320	170	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
Nitrobenzene	ND	320	160	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	320	180	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	320	170	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	320	170	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	ND	320	160	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	320	110	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	76			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	58			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	56			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	77			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	67			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	63			%	1	12/19/15	DD	30 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Semivolatile Library Search	Completed					12/21/15	DD	

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.

Volatile Comment:

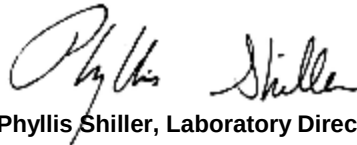
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

**Surrogate recoveries were outside control limits 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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41635

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB2 18-20

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.72	0.72	0.72	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	18300	72	14	mg/Kg	10	12/19/15	LK	SW6010C
Arsenic	17.7	* 1.4	1.4	mg/Kg	1	12/20/15	LK	SW6010C
Barium	96.2	N 1.4	0.72	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.67	0.57	0.29	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	5690	7.2	6.6	mg/Kg	1	12/20/15	LK	SW6010C
Cadmium	< 0.72	0.72	0.29	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	10.7	0.72	0.72	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	26.3	0.72	0.72	mg/Kg	1	12/20/15	LK	SW6010C
Copper	28.7	0.72	0.72	mg/kg	1	12/20/15	LK	SW6010C
Iron	28300	72	72	mg/Kg	10	12/19/15	LK	SW6010C
Mercury	0.40	N 0.06	0.04	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1930	N 140	56	mg/Kg	10	12/19/15	LK	SW6010C
Magnesium	3570	7.2	7.2	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	223	0.72	0.72	mg/Kg	1	12/20/15	LK	SW6010C
Sodium	1180	N 14	6.2	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	18.8	0.72	0.72	mg/Kg	1	12/20/15	LK	SW6010C
Lead	103	N 1.4	0.72	mg/Kg	1	12/20/15	LK	SW6010C
Antimony	< 3.6	3.6	3.6	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 2.9	2.9	2.4	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 2.9	2.9	2.9	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	35.9	0.7	0.72	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	114	1.4	0.72	mg/Kg	1	12/20/15	LK	SW6010C
Percent Solid	41			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	CC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	CC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	81	81	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	81	81	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	81	81	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	81	81	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	81	81	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	81	81	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	81	81	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	81	81	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	81	81	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	95			%	2	12/19/15	AW	30 - 150 %
% TCMX	80			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	4.1	4.1	ug/Kg	2	12/23/15	CE	SW8081B
4,4' -DDE	ND	4.1	4.1	ug/Kg	2	12/23/15	CE	SW8081B
4,4' -DDT	ND	4.1	4.1	ug/Kg	2	12/23/15	CE	SW8081B
α-BHC	ND	16	16	ug/Kg	2	12/23/15	CE	SW8081B
α-Chlordane	ND	8.1	8.1	ug/Kg	2	12/23/15	CE	SW8081B
Aldrin	ND	4.1	4.1	ug/Kg	2	12/23/15	CE	SW8081B
β-BHC	ND	16	16	ug/Kg	2	12/23/15	CE	SW8081B
Chlordane	ND	81	81	ug/Kg	2	12/23/15	CE	SW8081B
δ-BHC	ND	16	16	ug/Kg	2	12/23/15	CE	SW8081B
Dieldrin	ND	2.4	2.4	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan I	ND	16	16	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan II	ND	16	16	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan sulfate	ND	16	16	ug/Kg	2	12/23/15	CE	SW8081B
Endrin	ND	8.1	8.1	ug/Kg	2	12/23/15	CE	SW8081B
Endrin aldehyde	ND	16	16	ug/Kg	2	12/23/15	CE	SW8081B
Endrin ketone	ND	16	16	ug/Kg	2	12/23/15	CE	SW8081B
γ-BHC	ND	3.2	3.2	ug/Kg	2	12/23/15	CE	SW8081B
γ-Chlordane	ND	8.1	8.1	ug/Kg	2	12/23/15	CE	SW8081B
Heptachlor	ND	16	16	ug/Kg	2	12/23/15	CE	SW8081B
Heptachlor epoxide	ND	16	16	ug/Kg	2	12/23/15	CE	SW8081B
Methoxychlor	ND	81	81	ug/Kg	2	12/23/15	CE	SW8081B
Toxaphene	ND	320	320	ug/Kg	2	12/23/15	CE	SW8081B

QA/QC Surrogates

% DCBP	67			%	2	12/23/15	CE	30 - 150 %
% TCMX	66			%	2	12/23/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	20	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
2-Chlorotoluene	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
2-Hexanone	ND	110	23	ug/Kg	1	12/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
4-Chlorotoluene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	110	23	ug/Kg	1	12/21/15	JLI	SW8260C
Acetone	630	S 230	23	ug/Kg	1	12/21/15	JLI	SW8260C
Acrylonitrile	ND	45	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
Benzene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Bromobenzene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Bromochloromethane	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Bromodichloromethane	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
Bromoform	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
Bromomethane	ND	23	9.0	ug/Kg	1	12/21/15	JLI	SW8260C
Carbon Disulfide	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
Carbon tetrachloride	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
Chlorobenzene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Chloroethane	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Chloroform	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Chloromethane	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Dibromochloromethane	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
Dibromomethane	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Ethylbenzene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Isopropylbenzene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
m&p-Xylene	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
Methyl Ethyl Ketone	200	140	23	ug/Kg	1	12/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	45	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
Methylene chloride	ND	23	23	ug/Kg	1	12/21/15	JLI	SW8260C
Naphthalene	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
n-Butylbenzene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	23	4.1	ug/Kg	1	12/21/15	JLI	SW8260C
o-Xylene	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
sec-Butylbenzene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Styrene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
tert-Butylbenzene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Tetrachloroethene	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	45	11	ug/Kg	1	12/21/15	JLI	SW8260C
Toluene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	45	11	ug/Kg	1	12/21/15	JLI	SW8260C
Trichloroethene	3.8	J 23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	23	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	23	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Vinyl chloride	ND	20	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	12/21/15	JLI	70 - 130 %
% Bromofluorobenzene	94			%	1	12/21/15	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	12/21/15	JLI	70 - 130 %
% Toluene-d8	96			%	1	12/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	450	180	ug/kg	1	12/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	12/21/15	JLI	70 - 130 %
% Bromofluorobenzene	94			%	1	12/21/15	JLI	70 - 130 %
% Toluene-d8	96			%	1	12/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	90	4.5	ug/Kg	1	12/21/15	JLI	SW8260C
Acrolein	ND	90	11	ug/Kg	1	12/21/15	JLI	SW8260C
Acrylonitrile	ND	90	2.3	ug/Kg	1	12/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	450	90	ug/Kg	1	12/21/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	840	420	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	840	360	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	840	340	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	840	390	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	840	360	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	840	360	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	840	660	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	840	390	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	840	420	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	840	300	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	2400	840	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	840	470	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	840	380	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	840	340	ug/Kg	1	12/19/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	840	340	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	840	360	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	330	570	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	2400	1200	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	840	760	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	840	470	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	2400	570	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	2400	2400	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	6000	1300	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	840	350	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	840	420	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	960	560	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	840	400	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	2400	400	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	1200	540	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	ND	840	370	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	840	340	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	840	380	ug/Kg	1	12/19/15	DD	SW8270D
Aniline	ND	960	960	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	ND	840	400	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	ND	840	400	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	2400	710	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	ND	840	390	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	ND	840	410	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	ND	840	390	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	ND	800	400	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	6000	2400	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	840	310	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	840	330	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	840	330	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	840	340	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	840	350	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	6000	910	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	ND	840	400	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	390	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	840	350	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	840	380	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	840	370	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	840	320	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	840	310	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	ND	840	390	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	840	400	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	840	350	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	840	440	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	840	370	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	840	360	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	500	400	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	840	340	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	840	350	ug/Kg	1	12/19/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	840	420	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	840	340	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	840	390	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	840	460	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	840	450	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	800	460	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	ND	840	340	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	330	390	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	ND	840	410	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	840	300	ug/Kg	1	12/19/15	DD	SW8270D

QA/QC Surrogates

% 2,4,6-Tribromophenol	67			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	58			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	43			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	67			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	57			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	58			%	1	12/19/15	DD	30 - 130 %

Semivolatile Library Search Completed 12/21/15 DD

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.

Pesticide Comment:

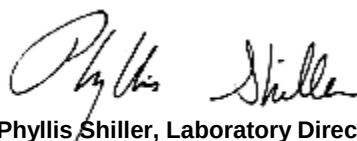
An elevated RL was reported due to low % solids.

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41636

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB4 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35	0.35	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	7470	35	7.0	mg/Kg	10	12/19/15	LK	SW6010C
Arsenic	8.8	* 0.7	0.70	mg/Kg	1	12/20/15	LK	SW6010C
Barium	111	N 0.7	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.19	B 0.28	0.14	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	8300	3.5	3.2	mg/Kg	1	12/20/15	LK	SW6010C
Cadmium	1.19	0.35	0.14	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	9.03	0.35	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	20.8	0.35	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Copper	63.9	0.35	0.35	mg/kg	1	12/20/15	LK	SW6010C
Iron	43000	35	35	mg/Kg	10	12/19/15	LK	SW6010C
Mercury	0.16	N 0.03	0.02	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1780	N 70	27	mg/Kg	10	12/19/15	LK	SW6010C
Magnesium	1760	3.5	3.5	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	323	3.5	3.5	mg/Kg	10	12/19/15	LK	SW6010C
Sodium	788	N 7	3.0	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	14.3	0.35	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Lead	162	N 7.0	3.5	mg/Kg	10	12/19/15	LK	SW6010C
Antimony	10.1	1.8	1.8	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	23.9	0.4	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	184	7.0	3.5	mg/Kg	10	12/19/15	LK	SW6010C
Percent Solid	90			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	CC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	CC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	36	36	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	104			%	2	12/19/15	AW	30 - 150 %
% TCMX	84			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	12/19/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	12/19/15	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	12/19/15	CE	SW8081B
a-BHC	ND	7.3	7.3	ug/Kg	2	12/19/15	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	12/19/15	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	12/19/15	CE	SW8081B
b-BHC	ND	7.3	7.3	ug/Kg	2	12/19/15	CE	SW8081B
Chlordane	ND	36	36	ug/Kg	2	12/19/15	CE	SW8081B
d-BHC	ND	7.3	7.3	ug/Kg	2	12/19/15	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan I	ND	7.3	7.3	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan II	ND	7.3	7.3	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan sulfate	ND	7.3	7.3	ug/Kg	2	12/19/15	CE	SW8081B
Endrin	ND	7.3	7.3	ug/Kg	2	12/19/15	CE	SW8081B
Endrin aldehyde	ND	7.3	7.3	ug/Kg	2	12/19/15	CE	SW8081B
Endrin ketone	ND	7.3	7.3	ug/Kg	2	12/19/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	12/19/15	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	12/19/15	CE	SW8081B
Heptachlor	ND	7.3	7.3	ug/Kg	2	12/19/15	CE	SW8081B
Heptachlor epoxide	ND	7.3	7.3	ug/Kg	2	12/19/15	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	12/19/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	12/19/15	CE	SW8081B

QA/QC Surrogates

% DCBP	77			%	2	12/19/15	CE	30 - 150 %
% TCMX	64			%	2	12/19/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
2-Chlorotoluene	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
2-Hexanone	ND	11	2.2	ug/Kg	1	12/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
4-Chlorotoluene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	11	2.2	ug/Kg	1	12/21/15	JLI	SW8260C
Acetone	3.9	JS 22	2.2	ug/Kg	1	12/21/15	JLI	SW8260C
Acrylonitrile	ND	4.3	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
Benzene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
Bromobenzene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
Bromochloromethane	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
Bromodichloromethane	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
Bromoform	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
Bromomethane	ND	2.2	0.87	ug/Kg	1	12/21/15	JLI	SW8260C
Carbon Disulfide	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
Carbon tetrachloride	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
Chlorobenzene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
Chloroethane	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
Chloroform	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
Chloromethane	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
Dibromochloromethane	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
Dibromomethane	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
Ethylbenzene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
Isopropylbenzene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
m&p-Xylene	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	13	2.2	ug/Kg	1	12/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	4.3	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
Methylene chloride	ND	2.2	2.2	ug/Kg	1	12/21/15	JLI	SW8260C
Naphthalene	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
n-Butylbenzene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	2.2	0.39	ug/Kg	1	12/21/15	JLI	SW8260C
o-Xylene	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
sec-Butylbenzene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
Styrene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
tert-Butylbenzene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
Tetrachloroethene	70	J 190	39	ug/Kg	50	12/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	4.3	1.1	ug/Kg	1	12/21/15	JLI	SW8260C
Toluene	23	J 190	19	ug/Kg	50	12/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	4.3	1.1	ug/Kg	1	12/21/15	JLI	SW8260C
Trichloroethene	140	J 190	19	ug/Kg	50	12/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	2.2	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
Vinyl chloride	ND	2.2	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	106			%	1	12/21/15	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	12/21/15	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	12/21/15	JLI	70 - 130 %
% Toluene-d8	99			%	1	12/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	43	17	ug/kg	1	12/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	106			%	1	12/21/15	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	12/21/15	JLI	70 - 130 %
% Toluene-d8	99			%	1	12/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	8.7	0.43	ug/Kg	1	12/21/15	JLI	SW8260C
Acrolein	ND	8.7	1.1	ug/Kg	1	12/21/15	JLI	SW8260C
Acrylonitrile	ND	8.7	0.22	ug/Kg	1	12/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	43	8.7	ug/Kg	1	12/21/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	260	91	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	740	260	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	740	370	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	260	230	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	740	170	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	740	740	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	400	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	740	120	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	400	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	740	220	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	380	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	320	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	240	J 260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	360	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	1800	740	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	260	95	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	260	99	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	1400	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	1800	280	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	460	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	110	J 260	98	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	260	95	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	740	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	230	J 260	120	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D

1

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	600	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	750	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	260	91	ug/Kg	1	12/19/15	DD	SW8270D

QA/QC Surrogates

% 2,4,6-Tribromophenol	76			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	67			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	40			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	77			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	58			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	59			%	1	12/19/15	DD	30 - 130 %

Semivolatile Library Search Completed 12/21/15 DD

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.

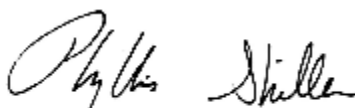
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41637

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB4 11-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	77			%		12/18/15	LK	SW846-%Solid
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Field Extraction	Completed					12/17/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	680	470	ug/Kg	1000	12/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	530	J 3600	470	ug/Kg	1000	12/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	1100	470	ug/Kg	1000	12/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	2400	470	ug/Kg	1000	12/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	1800	470	ug/Kg	1000	12/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C
2-Chlorotoluene	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C
2-Hexanone	ND	23000	4700	ug/Kg	1000	12/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	7100	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	1
4-Chlorotoluene	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	23000	4700	ug/Kg	1000	12/21/15	JLI	SW8260C	
Acetone	ND	47000	4700	ug/Kg	1000	12/21/15	JLI	SW8260C	
Acrylonitrile	ND	9300	930	ug/Kg	1000	12/21/15	JLI	SW8260C	
Benzene	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
Bromobenzene	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
Bromochloromethane	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
Bromodichloromethane	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C	
Bromoform	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C	
Bromomethane	ND	4700	1900	ug/Kg	1000	12/21/15	JLI	SW8260C	
Carbon Disulfide	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C	
Carbon tetrachloride	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C	
Chlorobenzene	ND	1100	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
Chloroethane	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
Chloroform	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
Chloromethane	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
Dibromochloromethane	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C	
Dibromomethane	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
Ethylbenzene	ND	1000	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
Hexachlorobutadiene	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
Isopropylbenzene	6600	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
m&p-Xylene	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	28000	4700	ug/Kg	1000	12/21/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	930	930	ug/Kg	1000	12/21/15	JLI	SW8260C	
Methylene chloride	ND	4700	4700	ug/Kg	1000	12/21/15	JLI	SW8260C	
Naphthalene	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C	
n-Butylbenzene	2000	J 4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
n-Propylbenzene	12000	4700	840	ug/Kg	1000	12/21/15	JLI	SW8260C	
o-Xylene	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C	
p-Isopropyltoluene	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
sec-Butylbenzene	19000	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
Styrene	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
tert-Butylbenzene	3400	J 4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
Tetrachloroethene	ND	1300	930	ug/Kg	1000	12/21/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	9300	2300	ug/Kg	1000	12/21/15	JLI	SW8260C	1
Toluene	ND	700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	9300	2300	ug/Kg	1000	12/21/15	JLI	SW8260C	
Trichloroethene	ND	470	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
Trichlorofluoromethane	ND	4700	930	ug/Kg	1000	12/21/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
Vinyl chloride	ND	4700	470	ug/Kg	1000	12/21/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	101			%	1000	12/21/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	117			%	1000	12/21/15	JLI	70 - 130 %
% Dibromofluoromethane	94			%	1000	12/21/15	JLI	70 - 130 %
% Toluene-d8	99			%	1000	12/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	93000	37000	ug/kg	1000	12/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1000	12/21/15	JLI	70 - 130 %
% Bromofluorobenzene	117			%	1000	12/21/15	JLI	70 - 130 %
% Toluene-d8	99			%	1000	12/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	19000	930	ug/Kg	1000	12/21/15	JLI	SW8260C
Acrolein	ND	19000	2300	ug/Kg	1000	12/21/15	JLI	SW8260C
Acrylonitrile	ND	19000	470	ug/Kg	1000	12/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	93000	19000	ug/Kg	1000	12/21/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	300	230	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	300	150	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	300	100	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	850	300	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	300	170	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Chlorophenol	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	850	430	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	300	270	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	850	200	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	850	850	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2100	460	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	340	200	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	850	140	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	420	190	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	210	J 300	130	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	340	340	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	150	J 300	140	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	580	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	850	250	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	780	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	610	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	430	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	590	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	2100	850	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	300	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	160	J 300	120	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	2100	320	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	680	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	300	110	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	300	110	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	770	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	160	J 300	140	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	300	150	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	480	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Nitrobenzene	ND	300	150	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	300	160	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	300	160	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	300	160	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	750	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	760	300	150	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	300	100	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	85			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	71			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	31			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	144			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	53			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	70			%	1	12/19/15	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Semivolatile Library Search	Completed					12/21/15	DD	

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.

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.

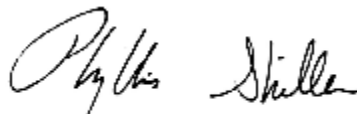
Volatile Comment:

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

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41638

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB4 18-20

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.48	0.48	0.48	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	7150	48	9.7	mg/Kg	10	12/19/15	LK	SW6010C
Arsenic	18.1	* 1.0	0.97	mg/Kg	1	12/20/15	LK	SW6010C
Barium	183	N 1.0	0.48	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.44	0.39	0.19	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	7480	4.8	4.4	mg/Kg	1	12/20/15	LK	SW6010C
Cadmium	0.63	0.48	0.19	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	9.21	0.48	0.48	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	18.5	0.48	0.48	mg/Kg	1	12/20/15	LK	SW6010C
Copper	89.6	0.48	0.48	mg/kg	1	12/20/15	LK	SW6010C
Iron	19300	48	48	mg/Kg	10	12/19/15	LK	SW6010C
Mercury	3.35	N 0.36	0.22	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1190	N 10	3.8	mg/Kg	1	12/20/15	LK	SW6010C
Magnesium	1480	4.8	4.8	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	284	4.8	4.8	mg/Kg	10	12/19/15	LK	SW6010C
Sodium	416	N 10	4.2	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	17.8	0.48	0.48	mg/Kg	1	12/20/15	LK	SW6010C
Lead	512	N 9.7	4.8	mg/Kg	10	12/19/15	LK	SW6010C
Antimony	< 2.4	2.4	2.4	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 1.9	B 1.9	1.6	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 1.9	1.9	1.9	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	30.6	0.5	0.48	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	359	9.7	4.8	mg/Kg	10	12/19/15	LK	SW6010C
Percent Solid	70			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	CC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	CC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	47	47	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	47	47	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	47	47	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	47	47	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	47	47	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	47	47	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	47	47	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	47	47	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	47	47	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	74			%	2	12/19/15	AW	30 - 150 %
% TCMX	79			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.8	2.8	ug/Kg	2	12/23/15	CE	SW8081B
4,4' -DDE	ND	2.8	2.8	ug/Kg	2	12/23/15	CE	SW8081B
4,4' -DDT	ND	2.8	2.8	ug/Kg	2	12/23/15	CE	SW8081B
α-BHC	ND	9.3	9.3	ug/Kg	2	12/23/15	CE	SW8081B
α-Chlordane	ND	4.7	4.7	ug/Kg	2	12/23/15	CE	SW8081B
Aldrin	ND	4.7	4.7	ug/Kg	2	12/23/15	CE	SW8081B
β-BHC	ND	9.3	9.3	ug/Kg	2	12/23/15	CE	SW8081B
Chlordane	ND	47	47	ug/Kg	2	12/23/15	CE	SW8081B
δ-BHC	ND	9.3	9.3	ug/Kg	2	12/23/15	CE	SW8081B
Dieldrin	ND	4.7	4.7	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan I	ND	9.3	9.3	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan II	ND	9.3	9.3	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan sulfate	ND	9.3	9.3	ug/Kg	2	12/23/15	CE	SW8081B
Endrin	ND	9.3	9.3	ug/Kg	2	12/23/15	CE	SW8081B
Endrin aldehyde	ND	9.3	9.3	ug/Kg	2	12/23/15	CE	SW8081B
Endrin ketone	ND	9.3	9.3	ug/Kg	2	12/23/15	CE	SW8081B
γ-BHC	ND	1.9	1.9	ug/Kg	2	12/23/15	CE	SW8081B
γ-Chlordane	ND	4.7	4.7	ug/Kg	2	12/23/15	CE	SW8081B
Heptachlor	ND	9.3	9.3	ug/Kg	2	12/23/15	CE	SW8081B
Heptachlor epoxide	ND	9.3	9.3	ug/Kg	2	12/23/15	CE	SW8081B
Methoxychlor	ND	47	47	ug/Kg	2	12/23/15	CE	SW8081B
Toxaphene	ND	190	190	ug/Kg	2	12/23/15	CE	SW8081B

QA/QC Surrogates

% DCBP	68			%	2	12/23/15	CE	30 - 150 %
% TCMX	65			%	2	12/23/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.2	1.0	ug/Kg	1	12/21/15	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	12/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
2-Chlorotoluene	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
2-Hexanone	ND	26	5.2	ug/Kg	1	12/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
4-Chlorotoluene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	26	5.2	ug/Kg	1	12/21/15	JLI	SW8260C
Acetone	32	JS 50	5.2	ug/Kg	1	12/21/15	JLI	SW8260C
Acrylonitrile	ND	10	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Benzene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Bromobenzene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Bromochloromethane	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Bromodichloromethane	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Bromoform	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Bromomethane	ND	5.2	2.1	ug/Kg	1	12/21/15	JLI	SW8260C
Carbon Disulfide	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Carbon tetrachloride	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Chlorobenzene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Chloroethane	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Chloroform	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Chloromethane	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Dibromochloromethane	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Dibromomethane	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Ethylbenzene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Isopropylbenzene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
m&p-Xylene	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Methyl Ethyl Ketone	8.7	J 31	5.2	ug/Kg	1	12/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Methylene chloride	ND	5.2	5.2	ug/Kg	1	12/21/15	JLI	SW8260C
Naphthalene	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
n-Butylbenzene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	5.2	0.94	ug/Kg	1	12/21/15	JLI	SW8260C
o-Xylene	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
p-Isopropyltoluene	79	J 340	34	ug/Kg	50	12/21/15	JLI	SW8260C
sec-Butylbenzene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Styrene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
tert-Butylbenzene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Tetrachloroethene	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.6	ug/Kg	1	12/21/15	JLI	SW8260C
Toluene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.6	ug/Kg	1	12/21/15	JLI	SW8260C
Trichloroethene	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.2	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Vinyl chloride	ND	5.2	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	107			%	1	12/21/15	JLI	70 - 130 %
% Bromofluorobenzene	90			%	1	12/21/15	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	12/21/15	JLI	70 - 130 %
% Toluene-d8	98			%	1	12/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	42	ug/kg	1	12/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	107			%	1	12/21/15	JLI	70 - 130 %
% Bromofluorobenzene	90			%	1	12/21/15	JLI	70 - 130 %
% Toluene-d8	98			%	1	12/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	21	1.0	ug/Kg	1	12/21/15	JLI	SW8260C
Acrolein	ND	21	2.6	ug/Kg	1	12/21/15	JLI	SW8260C
Acrylonitrile	ND	21	0.52	ug/Kg	1	12/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	100	21	ug/Kg	1	12/21/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	320	160	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	320	250	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	320	160	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	320	110	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	920	320	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	320	180	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	320	220	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	920	470	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	320	290	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	320	180	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	920	220	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	920	920	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2300	500	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	320	160	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	370	220	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	320	160	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	920	150	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	460	210	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
Aniline	ND	370	370	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	300	J 320	160	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	920	270	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	300	J 320	150	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	260	J 320	160	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	260	J 320	150	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	2300	920	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	320	120	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	320	120	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	2300	350	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	320	J 320	160	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	320	120	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	320	120	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	630	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	320	170	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	320	140	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	180	J 320	150	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	320	160	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	320	130	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	320	180	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	320	170	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	320	170	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	570	320	130	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	320	150	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	550	320	160	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	320	110	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	75			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	57			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	45			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	62			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	63			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	66			%	1	12/19/15	DD	30 - 130 %
Semivolatile Library Search	Completed					12/21/15	DD	

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.

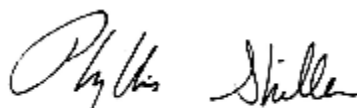
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41639

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB6 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.40	0.40	0.40	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	4460	40	7.9	mg/Kg	10	12/20/15	LK	SW6010C
Arsenic	14.1	* 0.8	0.79	mg/Kg	1	12/20/15	LK	SW6010C
Barium	256	N 0.8	0.40	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.25	B 0.32	0.16	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	11400	40	37	mg/Kg	10	12/20/15	LK	SW6010C
Cadmium	1.55	0.40	0.16	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	9.90	0.40	0.40	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	15.2	0.40	0.40	mg/Kg	1	12/20/15	LK	SW6010C
Copper	95.2	0.40	0.40	mg/kg	1	12/20/15	LK	SW6010C
Iron	35100	40	40	mg/Kg	10	12/20/15	LK	SW6010C
Mercury	0.45	N 0.03	0.02	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1510	N 8	3.1	mg/Kg	1	12/20/15	LK	SW6010C
Magnesium	2240	4.0	4.0	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	364	4.0	4.0	mg/Kg	10	12/20/15	LK	SW6010C
Sodium	826	N 8	3.4	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	17.6	0.40	0.40	mg/Kg	1	12/20/15	LK	SW6010C
Lead	733	N 7.9	4.0	mg/Kg	10	12/20/15	LK	SW6010C
Antimony	15.6	2.0	2.0	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 1.6	1.6	1.4	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 1.6	1.6	1.6	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	19.4	0.4	0.40	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	768	7.9	4.0	mg/Kg	10	12/20/15	LK	SW6010C
Percent Solid	85			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	CC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	CC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	39	39	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	105			%	2	12/19/15	AW	30 - 150 %
% TCMX	85			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	12/23/15	CE	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	12/23/15	CE	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	12/23/15	CE	SW8081B
a-BHC	ND	7.8	7.8	ug/Kg	2	12/23/15	CE	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	12/23/15	CE	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	12/23/15	CE	SW8081B
b-BHC	ND	7.8	7.8	ug/Kg	2	12/23/15	CE	SW8081B
Chlordane	ND	39	39	ug/Kg	2	12/23/15	CE	SW8081B
d-BHC	ND	7.8	7.8	ug/Kg	2	12/23/15	CE	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan I	ND	7.8	7.8	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan II	ND	7.8	7.8	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	2	12/23/15	CE	SW8081B
Endrin	ND	7.8	7.8	ug/Kg	2	12/23/15	CE	SW8081B
Endrin aldehyde	ND	7.8	7.8	ug/Kg	2	12/23/15	CE	SW8081B
Endrin ketone	ND	7.8	7.8	ug/Kg	2	12/23/15	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	12/23/15	CE	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	12/23/15	CE	SW8081B
Heptachlor	ND	7.8	7.8	ug/Kg	2	12/23/15	CE	SW8081B
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	2	12/23/15	CE	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	12/23/15	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	12/23/15	CE	SW8081B

QA/QC Surrogates

% DCBP	89			%	2	12/23/15	CE	30 - 150 %
% TCMX	79			%	2	12/23/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
1,3-Dichloropropane	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
2,2-Dichloropropane	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
2-Chlorotoluene	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
2-Hexanone	ND	40	8.1	ug/Kg	1	12/23/15	JLI	SW8260C
2-Isopropyltoluene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
4-Chlorotoluene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	40	8.1	ug/Kg	1	12/23/15	JLI	SW8260C
Acetone	ND	50	8.1	ug/Kg	1	12/23/15	JLI	SW8260C
Acrylonitrile	ND	16	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
Benzene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
Bromobenzene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
Bromochloromethane	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
Bromodichloromethane	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
Bromoform	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
Bromomethane	ND	8.1	3.2	ug/Kg	1	12/23/15	JLI	SW8260C
Carbon Disulfide	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
Carbon tetrachloride	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
Chlorobenzene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
Chloroethane	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
Chloroform	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
Chloromethane	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
Dibromochloromethane	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
Dibromomethane	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
Ethylbenzene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
Hexachlorobutadiene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
Isopropylbenzene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
m&p-Xylene	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	48	8.1	ug/Kg	1	12/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	16	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
Methylene chloride	ND	8.1	8.1	ug/Kg	1	12/23/15	JLI	SW8260C
Naphthalene	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
n-Butylbenzene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	8.1	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
o-Xylene	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
p-Isopropyltoluene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
sec-Butylbenzene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
Styrene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
tert-Butylbenzene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
Tetrachloroethene	76	J 250	50	ug/Kg	50	12/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	16	4.0	ug/Kg	1	12/23/15	JLI	SW8260C
Toluene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	16	4.0	ug/Kg	1	12/23/15	JLI	SW8260C
Trichloroethene	630	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	8.1	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
Vinyl chloride	ND	8.1	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	105			%	1	12/23/15	JLI	70 - 130 %
% Bromofluorobenzene	89			%	1	12/23/15	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	12/23/15	JLI	70 - 130 %
% Toluene-d8	99			%	1	12/23/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	64	ug/kg	1	12/23/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	105			%	1	12/23/15	JLI	70 - 130 %
% Bromofluorobenzene	89			%	1	12/23/15	JLI	70 - 130 %
% Toluene-d8	99			%	1	12/23/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	32	1.6	ug/Kg	1	12/23/15	JLI	SW8260C
Acrolein	ND	32	4.0	ug/Kg	1	12/23/15	JLI	SW8260C
Acrylonitrile	ND	32	0.81	ug/Kg	1	12/23/15	JLI	SW8260C
Tert-butyl alcohol	ND	160	32	ug/Kg	1	12/23/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	270	94	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	760	270	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	760	380	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	270	240	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	760	180	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	760	760	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	300	180	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	760	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	380	170	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	760	220	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	130	J 270	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	1900	760	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	270	98	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	1900	290	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	150	J 270	130	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	270	100	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	270	98	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	200	J 270	120	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D

1

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	270	140	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	230	J 270	130	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	270	94	ug/Kg	1	12/19/15	DD	SW8270D

QA/QC Surrogates

% 2,4,6-Tribromophenol	66			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	33			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	73			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	52			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	60			%	1	12/19/15	DD	30 - 130 %

Semivolatile Library Search Completed 12/21/15 DD

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.

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41640

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB6 11-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	66			%		12/18/15	LK	SW846-%Solid
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Field Extraction	Completed					12/17/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	680	240	ug/Kg	200	12/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	330	240	ug/Kg	200	12/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	1100	240	ug/Kg	200	12/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C
1,3-Dichloropropane	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	1800	240	ug/Kg	200	12/23/15	JLI	SW8260C
2,2-Dichloropropane	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C
2-Chlorotoluene	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C
2-Hexanone	ND	12000	2400	ug/Kg	200	12/23/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	1800	J 2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	1
4-Chlorotoluene	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	12000	2400	ug/Kg	200	12/23/15	JLI	SW8260C	
Acetone	ND	24000	2400	ug/Kg	200	12/23/15	JLI	SW8260C	
Acrylonitrile	ND	4800	480	ug/Kg	200	12/23/15	JLI	SW8260C	
Benzene	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
Bromobenzene	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
Bromochloromethane	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
Bromodichloromethane	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C	
Bromoform	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C	
Bromomethane	ND	2400	970	ug/Kg	200	12/23/15	JLI	SW8260C	
Carbon Disulfide	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C	
Carbon tetrachloride	ND	760	480	ug/Kg	200	12/23/15	JLI	SW8260C	
Chlorobenzene	ND	1100	240	ug/Kg	200	12/23/15	JLI	SW8260C	
Chloroethane	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
Chloroform	ND	370	240	ug/Kg	200	12/23/15	JLI	SW8260C	
Chloromethane	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	250	240	ug/Kg	200	12/23/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
Dibromochloromethane	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C	
Dibromomethane	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
Ethylbenzene	ND	1000	240	ug/Kg	200	12/23/15	JLI	SW8260C	
Hexachlorobutadiene	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
Isopropylbenzene	590	J 2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
m&p-Xylene	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	15000	2400	ug/Kg	200	12/23/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	930	480	ug/Kg	200	12/23/15	JLI	SW8260C	
Methylene chloride	ND	2400	2400	ug/Kg	200	12/23/15	JLI	SW8260C	
Naphthalene	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C	
n-Butylbenzene	710	J 2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
n-Propylbenzene	1200	J 2400	440	ug/Kg	200	12/23/15	JLI	SW8260C	
o-Xylene	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C	
p-Isopropyltoluene	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
sec-Butylbenzene	3400	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
Styrene	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
tert-Butylbenzene	650	J 2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
Tetrachloroethene	ND	1300	480	ug/Kg	200	12/23/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	4800	1200	ug/Kg	200	12/23/15	JLI	SW8260C	1
Toluene	ND	700	240	ug/Kg	200	12/23/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	4800	1200	ug/Kg	200	12/23/15	JLI	SW8260C	
Trichloroethene	ND	470	240	ug/Kg	200	12/23/15	JLI	SW8260C	
Trichlorofluoromethane	ND	2400	480	ug/Kg	200	12/23/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
Vinyl chloride	ND	2400	240	ug/Kg	200	12/23/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	100			%	200	12/23/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	111			%	200	12/23/15	JLI	70 - 130 %
% Dibromofluoromethane	96			%	200	12/23/15	JLI	70 - 130 %
% Toluene-d8	99			%	200	12/23/15	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	48000	19000	ug/kg	200	12/23/15	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	100			%	200	12/23/15	JLI	70 - 130 %
% Bromofluorobenzene	111			%	200	12/23/15	JLI	70 - 130 %
% Toluene-d8	99			%	200	12/23/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	9700	480	ug/Kg	200	12/23/15	JLI	SW8260C
Acrolein	ND	9700	1200	ug/Kg	200	12/23/15	JLI	SW8260C
Acrylonitrile	ND	9700	240	ug/Kg	200	12/23/15	JLI	SW8260C
Tert-butyl alcohol	ND	48000	9700	ug/Kg	200	12/23/15	JLI	SW8260C

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	350	170	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	350	150	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	350	140	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	350	160	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	350	150	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	350	150	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	350	270	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	350	160	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	350	170	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	350	120	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	990	350	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	350	190	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	350	160	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	350	140	ug/Kg	1	12/19/15	DD	SW8270D
2-Chlorophenol	ND	350	140	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	350	150	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	330	230	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	990	500	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	350	310	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	350	190	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	990	230	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	990	990	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2500	530	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	350	150	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	350	170	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	400	230	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	350	170	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	990	170	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	490	220	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	ND	350	150	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	350	140	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	350	150	ug/Kg	1	12/19/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	400	400	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	ND	350	160	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	ND	350	170	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	990	290	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	190	J 350	160	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	180	J 350	170	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	160	J 350	160	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	ND	350	160	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	2500	990	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	350	130	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	350	140	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	350	130	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	350	140	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	310	J 350	140	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	2500	370	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	ND	350	170	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	160	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	350	140	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	350	160	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	350	150	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	350	130	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	350	130	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	290	J 350	160	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	350	160	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	350	140	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	350	180	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	350	150	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	350	150	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	350	160	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	350	140	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	350	140	ug/Kg	1	12/19/15	DD	SW8270D
Nitrobenzene	ND	350	170	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	350	140	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	350	160	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	350	190	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	350	180	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	350	190	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	160	J 350	140	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	330	160	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	290	J 350	170	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	350	120	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	72			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	54			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	56			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	89			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	65			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	60			%	1	12/19/15	DD	30 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Semivolatile Library Search	Completed					12/21/15	DD	

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.

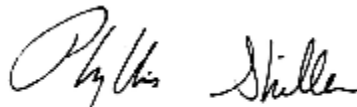
Volatile Comment:

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

12/18/15 17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41641

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB6 18-20

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.51	0.51	0.51	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	3110	51	10	mg/Kg	10	12/20/15	LK	SW6010C
Arsenic	31.5	* 1.0	1.0	mg/Kg	1	12/20/15	LK	SW6010C
Barium	818	N 1.0	0.51	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.42	0.41	0.20	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	3660	5.1	4.7	mg/Kg	1	12/20/15	LK	SW6010C
Cadmium	0.57	0.51	0.20	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	11.2	0.51	0.51	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	27.4	0.51	0.51	mg/Kg	1	12/20/15	LK	SW6010C
Copper	44.7	0.51	0.51	mg/kg	1	12/20/15	LK	SW6010C
Iron	6780	51	51	mg/Kg	10	12/20/15	LK	SW6010C
Mercury	14.0	N 0.41	0.25	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1300	N 10	4.0	mg/Kg	1	12/20/15	LK	SW6010C
Magnesium	1190	5.1	5.1	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	92.3	5.1	5.1	mg/Kg	10	12/20/15	LK	SW6010C
Sodium	474	N 10	4.4	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	65.0	0.51	0.51	mg/Kg	1	12/20/15	LK	SW6010C
Lead	122	N 10	5.1	mg/Kg	10	12/20/15	LK	SW6010C
Antimony	< 2.5	2.5	2.5	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 2.0	2.0	1.7	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 2.0	2.0	2.0	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	28.6	0.5	0.51	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	197	1.0	0.51	mg/Kg	1	12/20/15	LK	SW6010C
Percent Solid	64			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	CC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	CC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	51	51	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	51	51	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	51	51	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	51	51	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	51	51	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	51	51	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	51	51	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	51	51	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	51	51	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	73			%	2	12/19/15	AW	30 - 150 %
% TCMX	76			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	3.1	3.1	ug/Kg	2	12/23/15	CE	SW8081B
4,4' -DDE	ND	3.1	3.1	ug/Kg	2	12/23/15	CE	SW8081B
4,4' -DDT	ND	3.1	3.1	ug/Kg	2	12/23/15	CE	SW8081B
α-BHC	ND	10	10	ug/Kg	2	12/23/15	CE	SW8081B
α-Chlordane	ND	5.1	5.1	ug/Kg	2	12/23/15	CE	SW8081B
Aldrin	ND	5.1	5.1	ug/Kg	2	12/23/15	CE	SW8081B
β-BHC	ND	10	10	ug/Kg	2	12/23/15	CE	SW8081B
Chlordane	ND	51	51	ug/Kg	2	12/23/15	CE	SW8081B
δ-BHC	ND	10	10	ug/Kg	2	12/23/15	CE	SW8081B
Dieldrin	ND	5.1	5.1	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan I	ND	10	10	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan II	ND	10	10	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan sulfate	ND	10	10	ug/Kg	2	12/23/15	CE	SW8081B
Endrin	ND	10	10	ug/Kg	2	12/23/15	CE	SW8081B
Endrin aldehyde	ND	10	10	ug/Kg	2	12/23/15	CE	SW8081B
Endrin ketone	ND	10	10	ug/Kg	2	12/23/15	CE	SW8081B
γ-BHC	ND	2.1	2.1	ug/Kg	2	12/23/15	CE	SW8081B
γ-Chlordane	ND	5.1	5.1	ug/Kg	2	12/23/15	CE	SW8081B
Heptachlor	ND	10	10	ug/Kg	2	12/23/15	CE	SW8081B
Heptachlor epoxide	ND	10	10	ug/Kg	2	12/23/15	CE	SW8081B
Methoxychlor	ND	51	51	ug/Kg	2	12/23/15	CE	SW8081B
Toxaphene	ND	210	210	ug/Kg	2	12/23/15	CE	SW8081B

QA/QC Surrogates

% DCBP	61			%	2	12/23/15	CE	30 - 150 %
% TCMX	59			%	2	12/23/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
1,1-Dichloropropene	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	0.81	J	6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dibromoethane	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dichloroethane	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dichloropropane	ND		6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	0.99	J	6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
1,3-Dichloropropane	ND		6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
2,2-Dichloropropane	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
2-Chlorotoluene	ND		6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
2-Hexanone	ND		32	6.5	ug/Kg	1	12/22/15	JLI	SW8260C
2-Isopropyltoluene	17		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
4-Chlorotoluene	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		32	6.5	ug/Kg	1	12/22/15	JLI	SW8260C
Acetone	70	S	50	6.5	ug/Kg	1	12/22/15	JLI	SW8260C
Acrylonitrile	ND		13	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
Benzene	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Bromobenzene	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Bromochloromethane	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Bromodichloromethane	ND		6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
Bromoform	ND		6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
Bromomethane	ND		6.5	2.6	ug/Kg	1	12/22/15	JLI	SW8260C
Carbon Disulfide	1.8	J	6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
Carbon tetrachloride	ND		6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
Chlorobenzene	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Chloroethane	17		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Chloroform	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Chloromethane	ND		6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Dibromochloromethane	ND		6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
Dibromomethane	ND		6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Ethylbenzene	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Hexachlorobutadiene	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Isopropylbenzene	3.1	J	6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
m&p-Xylene	ND		6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
Methyl Ethyl Ketone	22	J	39	6.5	ug/Kg	1	12/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	1.4	J	13	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
Methylene chloride	ND		6.5	6.5	ug/Kg	1	12/22/15	JLI	SW8260C
Naphthalene	ND		6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
n-Butylbenzene	ND		6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	6.5	1.2	ug/Kg	1	12/22/15	JLI	SW8260C
o-Xylene	ND	6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
p-Isopropyltoluene	2.4	J 6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
sec-Butylbenzene	13	6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Styrene	ND	6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
tert-Butylbenzene	39	6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Tetrachloroethene	ND	6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	13	3.2	ug/Kg	1	12/22/15	JLI	SW8260C
Toluene	ND	6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	13	3.2	ug/Kg	1	12/22/15	JLI	SW8260C
Trichloroethene	ND	6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	6.5	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Vinyl chloride	ND	6.5	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	12/22/15	JLI	70 - 130 %
% Bromofluorobenzene	105			%	1	12/22/15	JLI	70 - 130 %
% Dibromofluoromethane	104			%	1	12/22/15	JLI	70 - 130 %
% Toluene-d8	95			%	1	12/22/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	52	ug/kg	1	12/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	12/22/15	JLI	70 - 130 %
% Bromofluorobenzene	105			%	1	12/22/15	JLI	70 - 130 %
% Toluene-d8	95			%	1	12/22/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	26	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
Acrolein	ND	26	3.2	ug/Kg	1	12/22/15	JLI	SW8260C
Acrylonitrile	ND	26	0.65	ug/Kg	1	12/22/15	JLI	SW8260C
Tert-butyl alcohol	ND	130	26	ug/Kg	1	12/22/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	360	180	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	360	160	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	360	170	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	360	280	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	360	170	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	360	180	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	360	130	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	1000	360	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	360	200	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	360	160	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	330	240	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	1000	520	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	360	330	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	360	200	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	1000	240	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	1000	1000	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2600	560	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	360	180	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	410	240	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	360	170	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	1000	170	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	520	230	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	ND	360	160	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	360	160	ug/Kg	1	12/19/15	DD	SW8270D
Aniline	ND	410	410	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	ND	360	170	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	ND	360	170	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	1000	300	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	ND	360	170	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	ND	360	180	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	ND	360	170	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	ND	360	170	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	2600	1000	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	360	130	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	360	140	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	360	140	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	360	140	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	2600	390	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	ND	360	170	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	170	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	360	160	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	360	160	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	360	140	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	360	130	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	ND	360	170	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	360	170	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	360	190	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	360	160	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	360	160	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	360	170	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	360	180	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	360	170	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	360	200	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	360	190	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	360	200	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	ND	360	150	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	330	170	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	ND	360	180	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	360	130	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	81			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	68			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	51			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	70			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	64			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	65			%	1	12/19/15	DD	30 - 130 %
Semivolatile Library Search	Completed					12/21/15	DD	

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.

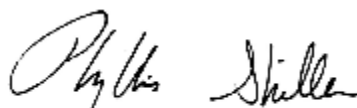
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

12/18/15 17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41642

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: SOIL DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.39	0.39	0.39	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	4800	39	7.7	mg/Kg	10	12/20/15	LK	SW6010C
Arsenic	51.7	* 0.8	0.77	mg/Kg	1	12/20/15	LK	SW6010C
Barium	333	N 0.8	0.39	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.38	0.31	0.15	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	12100	39	35	mg/Kg	10	12/20/15	LK	SW6010C
Cadmium	1.07	0.39	0.15	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	8.09	0.39	0.39	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	75.4	0.39	0.39	mg/Kg	1	12/20/15	LK	SW6010C
Copper	327	3.9	3.9	mg/kg	10	12/20/15	LK	SW6010C
Iron	14600	39	39	mg/Kg	10	12/20/15	LK	SW6010C
Mercury	5.30	N 0.31	0.19	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1200	N 8	3.0	mg/Kg	1	12/20/15	LK	SW6010C
Magnesium	1070	3.9	3.9	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	175	3.9	3.9	mg/Kg	10	12/20/15	LK	SW6010C
Sodium	643	N 8	3.3	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	18.8	0.39	0.39	mg/Kg	1	12/20/15	LK	SW6010C
Lead	2470	N 77	39	mg/Kg	100	12/20/15	LK	SW6010C
Antimony	4.7	1.9	1.9	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 1.5	1.5	1.3	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 1.5	1.5	1.5	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	30.3	0.4	0.39	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	424	7.7	3.9	mg/Kg	10	12/20/15	LK	SW6010C
Percent Solid	81			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	CC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	CC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	41	41	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	41	41	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	41	41	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	41	41	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	41	41	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	41	41	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	41	41	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	41	41	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	41	41	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	109			%	2	12/19/15	AW	30 - 150 %
% TCMX	90			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	12/19/15	CE	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	12/19/15	CE	SW8081B
4,4' -DDT	7.1	2.4	2.4	ug/Kg	2	12/19/15	CE	SW8081B
α-BHC	ND	8.1	8.1	ug/Kg	2	12/19/15	CE	SW8081B
α-Chlordane	10	4.1	4.1	ug/Kg	2	12/19/15	CE	SW8081B
Aldrin	ND	4.1	4.1	ug/Kg	2	12/19/15	CE	SW8081B
β-BHC	ND	8.1	8.1	ug/Kg	2	12/19/15	CE	SW8081B
Chlordane	55	41	41	ug/Kg	2	12/19/15	CE	SW8081B
δ-BHC	ND	8.1	8.1	ug/Kg	2	12/19/15	CE	SW8081B
Dieldrin	ND	4.1	4.1	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan I	ND	8.1	8.1	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan II	ND	8.1	8.1	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan sulfate	ND	8.1	8.1	ug/Kg	2	12/19/15	CE	SW8081B
Endrin	ND	8.1	8.1	ug/Kg	2	12/19/15	CE	SW8081B
Endrin aldehyde	ND	8.1	8.1	ug/Kg	2	12/19/15	CE	SW8081B
Endrin ketone	ND	8.1	8.1	ug/Kg	2	12/19/15	CE	SW8081B
γ-BHC	ND	1.6	1.6	ug/Kg	2	12/19/15	CE	SW8081B
γ-Chlordane	6.8	4.1	4.1	ug/Kg	2	12/19/15	CE	SW8081B
Heptachlor	ND	8.1	8.1	ug/Kg	2	12/19/15	CE	SW8081B
Heptachlor epoxide	ND	8.1	8.1	ug/Kg	2	12/19/15	CE	SW8081B
Methoxychlor	ND	41	41	ug/Kg	2	12/19/15	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	12/19/15	CE	SW8081B

QA/QC Surrogates

% DCBP	87			%	2	12/19/15	CE	30 - 150 %
% TCMX	77			%	2	12/19/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	2.5	0.49	ug/Kg	1	12/22/15	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	12/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
2-Chlorotoluene	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
2-Hexanone	ND	12	2.5	ug/Kg	1	12/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
4-Chlorotoluene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	12	2.5	ug/Kg	1	12/22/15	JLI	SW8260C
Acetone	ND	25	2.5	ug/Kg	1	12/22/15	JLI	SW8260C
Acrylonitrile	ND	4.9	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
Benzene	0.34	J 2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
Bromobenzene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
Bromochloromethane	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
Bromodichloromethane	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
Bromoform	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
Bromomethane	ND	2.5	0.99	ug/Kg	1	12/22/15	JLI	SW8260C
Carbon Disulfide	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
Carbon tetrachloride	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
Chlorobenzene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
Chloroethane	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
Chloroform	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
Chloromethane	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
Dibromochloromethane	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
Dibromomethane	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
Ethylbenzene	31	J 190	19	ug/Kg	50	12/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
Isopropylbenzene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
m&p-Xylene	190	190	38	ug/Kg	50	12/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	15	2.5	ug/Kg	1	12/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	4.9	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
Methylene chloride	ND	2.5	2.5	ug/Kg	1	12/22/15	JLI	SW8260C
Naphthalene	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
n-Butylbenzene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	2.5	0.44	ug/Kg	1	12/22/15	JLI	SW8260C
o-Xylene	71	J 190	38	ug/Kg	50	12/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
sec-Butylbenzene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
Styrene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
tert-Butylbenzene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
Tetrachloroethene	180	J 190	38	ug/Kg	50	12/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	4.9	1.2	ug/Kg	1	12/22/15	JLI	SW8260C
Toluene	29	J 190	19	ug/Kg	50	12/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	4.9	1.2	ug/Kg	1	12/22/15	JLI	SW8260C
Trichloroethene	94	J 190	19	ug/Kg	50	12/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	2.5	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
Vinyl chloride	ND	2.5	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	12/22/15	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	12/22/15	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	12/22/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	12/22/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	49	20	ug/kg	1	12/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	12/22/15	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	12/22/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	12/22/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	9.9	0.49	ug/Kg	1	12/22/15	JLI	SW8260C
Acrolein	ND	9.9	1.2	ug/Kg	1	12/22/15	JLI	SW8260C
Acrylonitrile	ND	9.9	0.25	ug/Kg	1	12/22/15	JLI	SW8260C
Tert-butyl alcohol	ND	49	9.9	ug/Kg	1	12/22/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	280	100	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	810	280	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	810	410	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	280	260	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	810	190	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	810	810	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2000	440	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	320	190	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	140	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	810	140	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	410	180	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	370	280	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	810	240	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	380	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	320	280	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	240	J 280	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	370	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	2000	810	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	170	J 280	120	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	2000	310	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	430	280	140	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	750	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	280	150	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	270	J 280	130	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	280	140	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	160	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	280	150	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	600	280	120	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	730	280	140	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	280	100	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	57			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	56			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	23			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	62			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	44			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	66			%	1	12/19/15	DD	30 - 130 %
Semivolatile Library Search	Completed					12/21/15	DD	

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.

Semi-Volatile Comment:

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

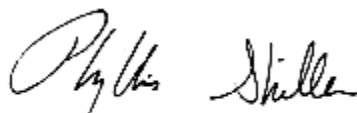
Pesticide Comment:

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.

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

12/18/15 17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41643

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB10 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.38	0.38	0.38	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	2210	38	7.6	mg/Kg	10	12/20/15	LK	SW6010C
Arsenic	10.0	* 0.8	0.76	mg/Kg	1	12/20/15	LK	SW6010C
Barium	74.1	N 0.8	0.38	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	< 0.30	0.30	0.15	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	3290	3.8	3.5	mg/Kg	1	12/20/15	LK	SW6010C
Cadmium	2.95	0.38	0.15	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	14.9	0.38	0.38	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	10.0	0.38	0.38	mg/Kg	1	12/20/15	LK	SW6010C
Copper	60.0	0.38	0.38	mg/kg	1	12/20/15	LK	SW6010C
Iron	74400	38	38	mg/Kg	10	12/20/15	LK	SW6010C
Mercury	0.12	N 0.03	0.02	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1490	N 8	3.0	mg/Kg	1	12/20/15	LK	SW6010C
Magnesium	645	3.8	3.8	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	290	3.8	3.8	mg/Kg	10	12/20/15	LK	SW6010C
Sodium	759	N 8	3.3	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	22.1	0.38	0.38	mg/Kg	1	12/20/15	LK	SW6010C
Lead	213	N 7.6	3.8	mg/Kg	10	12/20/15	LK	SW6010C
Antimony	6.9	1.9	1.9	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 1.5	1.5	1.3	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 1.5	1.5	1.5	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	16.6	0.4	0.38	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	112	0.8	0.38	mg/Kg	1	12/20/15	LK	SW6010C
Percent Solid	90			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	CC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	CC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	99			%	2	12/19/15	AW	30 - 150 %
% TCMX	76			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	12/19/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	12/19/15	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	12/19/15	CE	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	12/19/15	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	12/19/15	CE	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	12/19/15	CE	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	12/19/15	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	12/19/15	CE	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	12/19/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	12/19/15	CE	SW8081B

QA/QC Surrogates

% DCBP	72			%	2	12/19/15	CE	30 - 150 %
% TCMX	54			%	2	12/19/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	320	63	ug/Kg	50	12/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	320	63	ug/Kg	50	12/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	320	63	ug/Kg	50	12/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	320	63	ug/Kg	50	12/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
2-Chlorotoluene	ND	320	63	ug/Kg	50	12/22/15	JLI	SW8260C
2-Hexanone	ND	17	3.3	ug/Kg	1	12/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
4-Chlorotoluene	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	17	3.3	ug/Kg	1	12/22/15	JLI	SW8260C
Acetone	ND	33	3.3	ug/Kg	1	12/22/15	JLI	SW8260C
Acrylonitrile	ND	6.7	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
Benzene	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
Bromobenzene	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
Bromochloromethane	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
Bromodichloromethane	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
Bromoform	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
Bromomethane	ND	3.3	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
Carbon Disulfide	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
Carbon tetrachloride	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
Chlorobenzene	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
Chloroethane	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
Chloroform	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
Chloromethane	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	33	J 250	32	ug/Kg	50	12/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
Dibromochloromethane	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
Dibromomethane	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
Ethylbenzene	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
Isopropylbenzene	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
m&p-Xylene	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	20	3.3	ug/Kg	1	12/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	6.7	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
Methylene chloride	ND	3.3	3.3	ug/Kg	1	12/22/15	JLI	SW8260C
Naphthalene	ND	320	63	ug/Kg	50	12/22/15	JLI	SW8260C
n-Butylbenzene	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	320	57	ug/Kg	50	12/22/15	JLI	SW8260C
o-Xylene	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
sec-Butylbenzene	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
Styrene	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
tert-Butylbenzene	ND	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
Tetrachloroethene	1.5	J 3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.7	1.7	ug/Kg	1	12/22/15	JLI	SW8260C
Toluene	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	630	160	ug/Kg	50	12/22/15	JLI	SW8260C
Trichloroethene	2100	320	32	ug/Kg	50	12/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	3.3	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
Vinyl chloride	ND	3.3	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	50	12/22/15	JLI	70 - 130 %
% Bromofluorobenzene	97			%	50	12/22/15	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	12/22/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	12/22/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	67	27	ug/kg	1	12/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	105			%	1	12/22/15	JLI	70 - 130 %
% Bromofluorobenzene	94			%	1	12/22/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	12/22/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	13	0.67	ug/Kg	1	12/22/15	JLI	SW8260C
Acrolein	ND	13	1.7	ug/Kg	1	12/22/15	JLI	SW8260C
Acrylonitrile	ND	13	0.33	ug/Kg	1	12/22/15	JLI	SW8260C
Tert-butyl alcohol	ND	67	13	ug/Kg	1	12/22/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	250	130	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	250	90	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	720	250	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	250	140	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	12/19/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	250	100	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	720	360	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	720	170	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	720	720	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	720	120	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	12/19/15	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	720	210	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	1800	720	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	250	93	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	250	98	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	1800	270	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	250	110	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	250	96	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	250	93	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	250	110	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	250	100	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	12/19/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	250	130	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	250	140	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	ND	250	120	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	250	89	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	80			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	67			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	45			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	76			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	62			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	70			%	1	12/19/15	DD	30 - 130 %
Semivolatile Library Search	Completed					12/21/15	DD	

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.

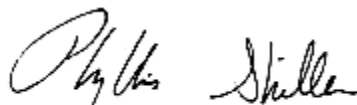
Volatile Comment:

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41644

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB7 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35	0.35	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	2830	35	7.0	mg/Kg	10	12/20/15	LK	SW6010C
Arsenic	10.0	* 0.7	0.70	mg/Kg	1	12/20/15	LK	SW6010C
Barium	134	N 0.7	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.15	B 0.28	0.14	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	8180	3.5	3.2	mg/Kg	1	12/20/15	LK	SW6010C
Cadmium	1.68	0.35	0.14	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	9.64	0.35	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	10.7	0.35	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Copper	62.4	0.35	0.35	mg/kg	1	12/20/15	LK	SW6010C
Iron	37500	35	35	mg/Kg	10	12/20/15	LK	SW6010C
Mercury	3.04	N 0.27	0.16	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1550	N 7	2.7	mg/Kg	1	12/20/15	LK	SW6010C
Magnesium	1370	3.5	3.5	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	193	3.5	3.5	mg/Kg	10	12/20/15	LK	SW6010C
Sodium	833	N 7	3.0	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	14.8	0.35	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Lead	172	N 7.0	3.5	mg/Kg	10	12/20/15	LK	SW6010C
Antimony	8.3	1.8	1.8	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	17.0	0.4	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	150	7.0	3.5	mg/Kg	10	12/20/15	LK	SW6010C
Percent Solid	88			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	CC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	CC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	84			%	2	12/19/15	AW	30 - 150 %
% TCMX	91			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	12/19/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	12/19/15	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	12/19/15	CE	SW8081B
α-BHC	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
α-Chlordane	ND	3.7	3.7	ug/Kg	2	12/19/15	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	12/19/15	CE	SW8081B
β-BHC	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	12/19/15	CE	SW8081B
δ-BHC	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
γ-BHC	ND	1.5	1.5	ug/Kg	2	12/19/15	CE	SW8081B
γ-Chlordane	ND	3.7	3.7	ug/Kg	2	12/19/15	CE	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	12/19/15	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	12/19/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	12/19/15	CE	SW8081B

QA/QC Surrogates

% DCBP	69			%	2	12/19/15	CE	30 - 150 %
% TCMX	62			%	2	12/19/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
2-Chlorotoluene	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
2-Hexanone	ND	20	4.0	ug/Kg	1	12/22/15	JLI	SW8260C
2-Isopropyltoluene	2.7	J 4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
4-Chlorotoluene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	20	4.0	ug/Kg	1	12/22/15	JLI	SW8260C
Acetone	ND	40	4.0	ug/Kg	1	12/22/15	JLI	SW8260C
Acrylonitrile	ND	8.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
Benzene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
Bromobenzene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
Bromochloromethane	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
Bromodichloromethane	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
Bromoform	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
Bromomethane	ND	4.0	1.6	ug/Kg	1	12/22/15	JLI	SW8260C
Carbon Disulfide	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
Carbon tetrachloride	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
Chlorobenzene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
Chloroethane	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
Chloroform	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
Chloromethane	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
Dibromochloromethane	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
Dibromomethane	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
Ethylbenzene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
Isopropylbenzene	1.2	J 4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
m&p-Xylene	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	24	4.0	ug/Kg	1	12/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
Methylene chloride	ND	4.0	4.0	ug/Kg	1	12/22/15	JLI	SW8260C
Naphthalene	110	J 280	55	ug/Kg	50	12/22/15	JLI	SW8260C
n-Butylbenzene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	0.94	J 4.0	0.72	ug/Kg	1	12/22/15	JLI	SW8260C
o-Xylene	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
sec-Butylbenzene	5.8	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
Styrene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
tert-Butylbenzene	1.7	J 4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
Tetrachloroethene	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.0	2.0	ug/Kg	1	12/22/15	JLI	SW8260C
Toluene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.0	2.0	ug/Kg	1	12/22/15	JLI	SW8260C
Trichloroethene	510	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.0	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
Vinyl chloride	ND	4.0	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	12/22/15	JLI	70 - 130 %
% Bromofluorobenzene	117			%	1	12/22/15	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	12/22/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	12/22/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	80	32	ug/kg	1	12/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	12/22/15	JLI	70 - 130 %
% Bromofluorobenzene	117			%	1	12/22/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	12/22/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	16	0.80	ug/Kg	1	12/22/15	JLI	SW8260C
Acrolein	ND	16	2.0	ug/Kg	1	12/22/15	JLI	SW8260C
Acrylonitrile	ND	16	0.40	ug/Kg	1	12/22/15	JLI	SW8260C
Tert-butyl alcohol	ND	80	16	ug/Kg	1	12/22/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	260	93	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	750	260	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	770	260	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	750	380	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	260	240	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	750	750	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	300	170	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	750	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	2300	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	210	J 260	100	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	3900	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	6400	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Ben-zidine	ND	750	220	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	5000	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	4100	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	2500	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	3800	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	1900	750	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	260	97	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	470	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	880	J 1900	280	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	6600	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	660	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	1400	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	260	97	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	14000	D 2600	1200	ug/Kg	10	12/21/15	DD	SW8270D
Fluorene	1600	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	3200	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	18000	D 2600	1100	ug/Kg	10	12/21/15	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	12000	D 2600	1300	ug/Kg	10	12/21/15	DD	SW8270D
Pyridine	ND	260	92	ug/Kg	1	12/19/15	DD	SW8270D

QA/QC Surrogates

% 2,4,6-Tribromophenol	88			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	78			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	46			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	90			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	65			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	63			%	1	12/19/15	DD	30 - 130 %

Semivolatile Library Search Completed 12/21/15 DD

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.

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41645

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB7 11-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81			%		12/18/15	LK	SW846-%Solid
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Field Extraction	Completed					12/17/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C
1,1-Dichloroethene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3600	790	ug/Kg	1000	12/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	1100	790	ug/Kg	1000	12/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	2400	790	ug/Kg	1000	12/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	1800	790	ug/Kg	1000	12/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C
2-Chlorotoluene	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C
2-Hexanone	ND	40000	7900	ug/Kg	1000	12/22/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	10000	D 5900	1600	ug/Kg	2000	12/22/15	JLI	SW8260C	1
4-Chlorotoluene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	40000	7900	ug/Kg	1000	12/22/15	JLI	SW8260C	
Acetone	ND	79000	7900	ug/Kg	1000	12/22/15	JLI	SW8260C	
Acrylonitrile	ND	16000	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
Benzene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
Bromobenzene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
Bromochloromethane	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
Bromodichloromethane	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
Bromoform	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
Bromomethane	ND	7900	3200	ug/Kg	1000	12/22/15	JLI	SW8260C	
Carbon Disulfide	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
Carbon tetrachloride	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
Chlorobenzene	ND	1100	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
Chloroethane	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
Chloroform	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
Chloromethane	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
Dibromochloromethane	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
Dibromomethane	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
Ethylbenzene	ND	1000	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
Hexachlorobutadiene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
Isopropylbenzene	4600	D 2000	1600	ug/Kg	2000	12/22/15	JLI	SW8260C	
m&p-Xylene	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	48000	7900	ug/Kg	1000	12/22/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	16000	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
Methylene chloride	ND	7900	7900	ug/Kg	1000	12/22/15	JLI	SW8260C	
Naphthalene	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
n-Butylbenzene	7700	D 5900	1600	ug/Kg	2000	12/22/15	JLI	SW8260C	
n-Propylbenzene	4700	D 3900	2900	ug/Kg	2000	12/22/15	JLI	SW8260C	
o-Xylene	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
p-Isopropyltoluene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
sec-Butylbenzene	27000	D 16000	1600	ug/Kg	2000	12/22/15	JLI	SW8260C	
Styrene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
tert-Butylbenzene	5100	D 5900	1600	ug/Kg	2000	12/22/15	JLI	SW8260C	
Tetrachloroethene	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	16000	4000	ug/Kg	1000	12/22/15	JLI	SW8260C	1
Toluene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	16000	4000	ug/Kg	1000	12/22/15	JLI	SW8260C	
Trichloroethene	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
Trichlorofluoromethane	ND	7900	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
Vinyl chloride	ND	7900	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	103			%	1000	12/22/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	138			%	1000	12/22/15	JLI	70 - 130 %	3
% Dibromofluoromethane	98			%	1000	12/22/15	JLI	70 - 130 %	
% Toluene-d8	98			%	1000	12/22/15	JLI	70 - 130 %	
<u>1,4-dioxane</u>									
1,4-dioxane	ND	160000	63000	ug/kg	1000	12/22/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	103			%	1000	12/22/15	JLI	70 - 130 %	3
% Bromofluorobenzene	138			%	1000	12/22/15	JLI	70 - 130 %	
% Toluene-d8	98			%	1000	12/22/15	JLI	70 - 130 %	
<u>Volatiles</u>									
1,1,1,2-Tetrachloroethane	ND	32000	1600	ug/Kg	1000	12/22/15	JLI	SW8260C	
Acrolein	ND	32000	4000	ug/Kg	1000	12/22/15	JLI	SW8260C	
Acrylonitrile	ND	32000	790	ug/Kg	1000	12/22/15	JLI	SW8260C	
Tert-butyl alcohol	ND	160000	32000	ug/Kg	1000	12/22/15	JLI	SW8260C	
<u>Semivolatiles</u>									
1,2,4,5-Tetrachlorobenzene	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D	1
1,2,4-Trichlorobenzene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D	
1,2-Dichlorobenzene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D	
1,2-Diphenylhydrazine	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D	
1,3-Dichlorobenzene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D	
1,4-Dichlorobenzene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D	
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	12/19/15	DD	SW8270D	
2,4,6-Trichlorophenol	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D	
2,4-Dichlorophenol	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D	
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	12/19/15	DD	SW8270D	
2,4-Dinitrophenol	ND	820	290	ug/Kg	1	12/19/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	290	160	ug/Kg	1	12/19/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D	
2-Chloronaphthalene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D	
2-Chlorophenol	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D	
2-Methylnaphthalene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	290	190	ug/Kg	1	12/19/15	DD	SW8270D	
2-Nitroaniline	ND	820	420	ug/Kg	1	12/19/15	DD	SW8270D	
2-Nitrophenol	ND	290	260	ug/Kg	1	12/19/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	1	12/19/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	820	190	ug/Kg	1	12/19/15	DD	SW8270D	
3-Nitroaniline	ND	820	820	ug/Kg	1	12/19/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	2100	440	ug/Kg	1	12/19/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D	
4-Chloroaniline	ND	330	190	ug/Kg	1	12/19/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D	
4-Nitroaniline	ND	820	140	ug/Kg	1	12/19/15	DD	SW8270D	
4-Nitrophenol	ND	410	190	ug/Kg	1	12/19/15	DD	SW8270D	
Acenaphthene	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D	
Acenaphthylene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D	
Acetophenone	ND	4500	130	ug/Kg	1	12/19/15	DD	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	330	330	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	820	240	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	130	J 290	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	2100	820	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	290	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	360	290	120	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	2100	310	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	290	110	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	290	110	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	210	J 290	130	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	290	150	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
Nitrobenzene	ND	290	140	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	290	150	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	290	160	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	230	J 290	120	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	290	130	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	200	J 290	140	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	290	100	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	92			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	66			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	65			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	84			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	74			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	74			%	1	12/19/15	DD	30 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Semivolatile Library Search	Completed					12/21/15	DD	

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.

Volatile Comment:

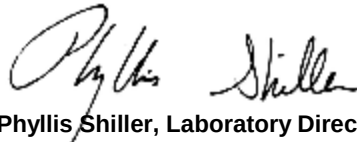
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

**Surrogate recoveries were outside control limits 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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41646

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB7 18-20

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.40	0.40	0.40	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	4440	40	7.9	mg/Kg	10	12/20/15	LK	SW6010C
Arsenic	17.9	* 0.8	0.79	mg/Kg	1	12/20/15	LK	SW6010C
Barium	259	N 0.8	0.40	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.39	0.32	0.16	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	8600	4.0	3.7	mg/Kg	1	12/20/15	LK	SW6010C
Cadmium	0.57	0.40	0.16	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	7.14	0.40	0.40	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	20.1	0.40	0.40	mg/Kg	1	12/20/15	LK	SW6010C
Copper	119	0.40	0.40	mg/kg	1	12/20/15	LK	SW6010C
Iron	10700	40	40	mg/Kg	10	12/20/15	LK	SW6010C
Mercury	11.3	N 0.35	0.21	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1300	N 8	3.1	mg/Kg	1	12/20/15	LK	SW6010C
Magnesium	1310	4.0	4.0	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	149	4.0	4.0	mg/Kg	10	12/20/15	LK	SW6010C
Sodium	406	N 8	3.4	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	13.6	0.40	0.40	mg/Kg	1	12/20/15	LK	SW6010C
Lead	529	N 7.9	4.0	mg/Kg	10	12/20/15	LK	SW6010C
Antimony	2.8	2.0	2.0	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 1.6	1.6	1.4	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 1.6	1.6	1.6	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	25.1	0.4	0.40	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	217	7.9	4.0	mg/Kg	10	12/20/15	LK	SW6010C
Percent Solid	74			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	JC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	JC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	45	45	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	45	45	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	45	45	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	45	45	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	45	45	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	45	45	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	45	45	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	45	45	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	45	45	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	93			%	2	12/19/15	AW	30 - 150 %
% TCMX	76			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.7	2.7	ug/Kg	2	12/19/15	CE	SW8081B
4,4' -DDE	ND	2.7	2.7	ug/Kg	2	12/19/15	CE	SW8081B
4,4' -DDT	ND	2.7	2.7	ug/Kg	2	12/19/15	CE	SW8081B
a-BHC	ND	8.9	8.9	ug/Kg	2	12/19/15	CE	SW8081B
a-Chlordane	ND	4.5	4.5	ug/Kg	2	12/19/15	CE	SW8081B
Aldrin	ND	4.5	4.5	ug/Kg	2	12/19/15	CE	SW8081B
b-BHC	ND	8.9	8.9	ug/Kg	2	12/19/15	CE	SW8081B
Chlordane	ND	45	45	ug/Kg	2	12/19/15	CE	SW8081B
d-BHC	ND	8.9	8.9	ug/Kg	2	12/19/15	CE	SW8081B
Dieldrin	ND	4.5	4.5	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan I	ND	8.9	8.9	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan II	ND	8.9	8.9	ug/Kg	2	12/19/15	CE	SW8081B
Endosulfan sulfate	ND	8.9	8.9	ug/Kg	2	12/19/15	CE	SW8081B
Endrin	ND	8.9	8.9	ug/Kg	2	12/19/15	CE	SW8081B
Endrin aldehyde	ND	8.9	8.9	ug/Kg	2	12/19/15	CE	SW8081B
Endrin ketone	ND	8.9	8.9	ug/Kg	2	12/19/15	CE	SW8081B
g-BHC	ND	1.8	1.8	ug/Kg	2	12/19/15	CE	SW8081B
g-Chlordane	ND	4.5	4.5	ug/Kg	2	12/19/15	CE	SW8081B
Heptachlor	ND	8.9	8.9	ug/Kg	2	12/19/15	CE	SW8081B
Heptachlor epoxide	ND	8.9	8.9	ug/Kg	2	12/19/15	CE	SW8081B
Methoxychlor	ND	45	45	ug/Kg	2	12/19/15	CE	SW8081B
Toxaphene	ND	180	180	ug/Kg	2	12/19/15	CE	SW8081B

QA/QC Surrogates

% DCBP	82			%	2	12/19/15	CE	30 - 150 %
% TCMX	78			%	2	12/19/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
2-Chlorotoluene	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
2-Hexanone	ND	1200	250	ug/Kg	50	12/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
4-Chlorotoluene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	1200	250	ug/Kg	50	12/22/15	JLI	SW8260C
Acetone	ND	2500	250	ug/Kg	50	12/22/15	JLI	SW8260C
Acrylonitrile	ND	500	50	ug/Kg	50	12/22/15	JLI	SW8260C
Benzene	ND	60	25	ug/Kg	50	12/22/15	JLI	SW8260C
Bromobenzene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
Bromochloromethane	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
Bromodichloromethane	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
Bromoform	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
Bromomethane	ND	250	100	ug/Kg	50	12/22/15	JLI	SW8260C
Carbon Disulfide	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
Carbon tetrachloride	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
Chlorobenzene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
Chloroethane	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
Chloroform	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
Chloromethane	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
Dibromochloromethane	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
Dibromomethane	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
Ethylbenzene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
Isopropylbenzene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
m&p-Xylene	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	1500	250	ug/Kg	50	12/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	500	50	ug/Kg	50	12/22/15	JLI	SW8260C
Methylene chloride	ND	250	250	ug/Kg	50	12/22/15	JLI	SW8260C
Naphthalene	410	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
n-Butylbenzene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	250	45	ug/Kg	50	12/22/15	JLI	SW8260C
o-Xylene	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
sec-Butylbenzene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
Styrene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
tert-Butylbenzene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
Tetrachloroethene	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	500	120	ug/Kg	50	12/22/15	JLI	SW8260C
Toluene	35	J 250	25	ug/Kg	50	12/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	190	25	ug/Kg	50	12/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	500	120	ug/Kg	50	12/22/15	JLI	SW8260C
Trichloroethene	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	250	50	ug/Kg	50	12/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
Vinyl chloride	ND	250	25	ug/Kg	50	12/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	50	12/22/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	50	12/22/15	JLI	70 - 130 %
% Dibromofluoromethane	95			%	50	12/22/15	JLI	70 - 130 %
% Toluene-d8	100			%	50	12/22/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	5000	2000	ug/kg	50	12/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	50	12/22/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	50	12/22/15	JLI	70 - 130 %
% Toluene-d8	100			%	50	12/22/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1000	50	ug/Kg	50	12/22/15	JLI	SW8260C
Acrolein	ND	1000	120	ug/Kg	50	12/22/15	JLI	SW8260C
Acrylonitrile	ND	1000	25	ug/Kg	50	12/22/15	JLI	SW8260C
Tert-butyl alcohol	ND	5000	1000	ug/Kg	50	12/22/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	310	150	ug/Kg	1	12/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	310	130	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	310	120	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	310	140	ug/Kg	1	12/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	310	130	ug/Kg	1	12/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	310	130	ug/Kg	1	12/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	310	240	ug/Kg	1	12/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	310	140	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	310	150	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	310	110	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	880	310	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrotoluene	ND	310	170	ug/Kg	1	12/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	310	140	ug/Kg	1	12/21/15	DD	SW8270D
2-Chloronaphthalene	ND	310	120	ug/Kg	1	12/21/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	310	120	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylnaphthalene	ND	310	130	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	310	210	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitroaniline	ND	880	440	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitrophenol	ND	310	280	ug/Kg	1	12/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	260	J 310	170	ug/Kg	1	12/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	880	210	ug/Kg	1	12/21/15	DD	SW8270D
3-Nitroaniline	ND	880	880	ug/Kg	1	12/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2200	470	ug/Kg	1	12/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	310	130	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	310	150	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloroaniline	ND	350	200	ug/Kg	1	12/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	310	150	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitroaniline	ND	880	150	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitrophenol	ND	440	200	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthene	ND	310	130	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthylene	ND	310	120	ug/Kg	1	12/21/15	DD	SW8270D
Acetophenone	ND	310	140	ug/Kg	1	12/21/15	DD	SW8270D
Aniline	ND	350	350	ug/Kg	1	12/21/15	DD	SW8270D
Anthracene	270	J 310	140	ug/Kg	1	12/21/15	DD	SW8270D
Benz(a)anthracene	560	310	150	ug/Kg	1	12/21/15	DD	SW8270D
Benzidine	ND	880	260	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(a)pyrene	490	310	140	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(b)fluoranthene	420	310	150	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(ghi)perylene	250	J 310	140	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(k)fluoranthene	410	310	150	ug/Kg	1	12/21/15	DD	SW8270D
Benzoic acid	ND	2200	880	ug/Kg	1	12/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	310	110	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	310	120	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	310	120	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	310	120	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	310	130	ug/Kg	1	12/21/15	DD	SW8270D
Carbazole	ND	2200	330	ug/Kg	1	12/21/15	DD	SW8270D
Chrysene	570	310	150	ug/Kg	1	12/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	310	140	ug/Kg	1	12/21/15	DD	SW8270D
Dibenzofuran	ND	310	130	ug/Kg	1	12/21/15	DD	SW8270D
Diethyl phthalate	ND	310	140	ug/Kg	1	12/21/15	DD	SW8270D
Dimethylphthalate	ND	310	140	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-butylphthalate	ND	310	120	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-octylphthalate	ND	310	110	ug/Kg	1	12/21/15	DD	SW8270D
Fluoranthene	1200	310	140	ug/Kg	1	12/21/15	DD	SW8270D
Fluorene	ND	310	140	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobenzene	ND	310	130	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobutadiene	ND	310	160	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	310	130	ug/Kg	1	12/21/15	DD	SW8270D
Hexachloroethane	ND	310	130	ug/Kg	1	12/21/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	290	J 310	150	ug/Kg	1	12/21/15	DD	SW8270D
Isophorone	ND	310	120	ug/Kg	1	12/21/15	DD	SW8270D
Naphthalene	ND	310	130	ug/Kg	1	12/21/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	310	150	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	310	120	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	310	140	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	310	170	ug/Kg	1	12/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	310	160	ug/Kg	1	12/21/15	DD	SW8270D
Pentachlorophenol	ND	310	170	ug/Kg	1	12/21/15	DD	SW8270D
Phenanthrene	1100	310	130	ug/Kg	1	12/21/15	DD	SW8270D
Phenol	ND	310	140	ug/Kg	1	12/21/15	DD	SW8270D
Pyrene	960	310	150	ug/Kg	1	12/21/15	DD	SW8270D
Pyridine	ND	310	110	ug/Kg	1	12/21/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	68			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	54			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorophenol	43			%	1	12/21/15	DD	30 - 130 %
% Nitrobenzene-d5	48			%	1	12/21/15	DD	30 - 130 %
% Phenol-d5	56			%	1	12/21/15	DD	30 - 130 %
% Terphenyl-d14	63			%	1	12/21/15	DD	30 - 130 %
Semivolatile Library Search	Completed					12/21/15	DD	

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.

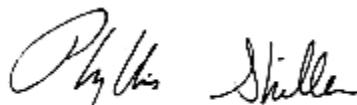
Volatile Comment:

Poor IS recoveries were observed for low level volatiles due to dirt in the threads of the vial preventing the sample from purging. The other low level did not pass quality control. The results are reported from the methanol high level.

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41647

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB8 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35	0.35	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	3600	35	7.0	mg/Kg	10	12/20/15	LK	SW6010C
Arsenic	11.1	* 0.7	0.70	mg/Kg	1	12/20/15	LK	SW6010C
Barium	206	N 0.7	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.16	B 0.28	0.14	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	3100	3.5	3.2	mg/Kg	1	12/20/15	LK	SW6010C
Cadmium	1.80	0.35	0.14	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	12.4	0.35	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	19.3	0.35	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Copper	59.2	0.35	0.35	mg/kg	1	12/20/15	LK	SW6010C
Iron	42800	35	35	mg/Kg	10	12/20/15	LK	SW6010C
Mercury	0.21	N 0.03	0.02	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1230	N 7	2.7	mg/Kg	1	12/20/15	LK	SW6010C
Magnesium	1150	3.5	3.5	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	468	3.5	3.5	mg/Kg	10	12/20/15	LK	SW6010C
Sodium	500	N 7	3.0	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	20.5	0.35	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Lead	317	N 7.0	3.5	mg/Kg	10	12/20/15	LK	SW6010C
Antimony	7.1	1.8	1.8	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	24.4	0.4	0.35	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	222	7.0	3.5	mg/Kg	10	12/20/15	LK	SW6010C
Percent Solid	87			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	JC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	JC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	93			%	2	12/19/15	AW	30 - 150 %
% TCMX	78			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	3.3	3.3	ug/Kg	2	12/20/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	12/20/15	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	12/20/15	CE	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	12/20/15	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	12/20/15	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	12/20/15	CE	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	12/20/15	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	12/20/15	CE	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	12/20/15	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	12/20/15	CE	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	12/20/15	CE	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	12/20/15	CE	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	12/20/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	12/20/15	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	12/20/15	CE	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	12/20/15	CE	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	12/20/15	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	12/20/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	12/20/15	CE	SW8081B

QA/QC Surrogates

% DCBP	64			%	2	12/20/15	CE	30 - 150 %
% TCMX	72			%	2	12/20/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
1,1,1-Trichloroethane	34	J 180	18	ug/Kg	50	12/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
1,1-Dichloropropene	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	0.48	J	3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dibromoethane	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dichloroethane	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
1,2-Dichloropropane	ND		3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
1,3-Dichloropropane	ND		3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
2,2-Dichloropropane	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
2-Chlorotoluene	ND		3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
2-Hexanone	ND		16	3.2	ug/Kg	1	12/22/15	JLI	SW8260C
2-Isopropyltoluene	6.7		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
4-Chlorotoluene	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		16	3.2	ug/Kg	1	12/22/15	JLI	SW8260C
Acetone	8.2	JS	32	3.2	ug/Kg	1	12/22/15	JLI	SW8260C
Acrylonitrile	ND		6.3	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
Benzene	0.63	J	3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
Bromobenzene	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
Bromochloromethane	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
Bromodichloromethane	ND		3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
Bromoform	ND		3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
Bromomethane	ND		3.2	1.3	ug/Kg	1	12/22/15	JLI	SW8260C
Carbon Disulfide	ND		3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
Carbon tetrachloride	ND		3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
Chlorobenzene	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
Chloroethane	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
Chloroform	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
Chloromethane	ND		3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
Dibromochloromethane	ND		3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
Dibromomethane	ND		3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
Ethylbenzene	22	J	180	18	ug/Kg	50	12/22/15	JLI	SW8260C
Hexachlorobutadiene	ND		3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
Isopropylbenzene	2.0	J	3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
m&p-Xylene	120	J	180	35	ug/Kg	50	12/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND		19	3.2	ug/Kg	1	12/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		6.3	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
Methylene chloride	ND		3.2	3.2	ug/Kg	1	12/22/15	JLI	SW8260C
Naphthalene	93	J	180	35	ug/Kg	50	12/22/15	JLI	SW8260C
n-Butylbenzene	19	J	180	18	ug/Kg	50	12/22/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	1.3	J 3.2	0.57	ug/Kg	1	12/22/15	JLI	SW8260C
o-Xylene	91	J 180	35	ug/Kg	50	12/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
sec-Butylbenzene	40	J 180	18	ug/Kg	50	12/22/15	JLI	SW8260C
Styrene	ND	3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
tert-Butylbenzene	4.0	3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
Tetrachloroethene	ND	3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.3	1.6	ug/Kg	1	12/22/15	JLI	SW8260C
Toluene	220	180	18	ug/Kg	50	12/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	6.3	1.6	ug/Kg	1	12/22/15	JLI	SW8260C
Trichloroethene	ND	3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	3.2	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
Vinyl chloride	ND	3.2	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	104			%	1	12/22/15	JLI	70 - 130 %
% Bromofluorobenzene	145			%	1	12/22/15	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	12/22/15	JLI	70 - 130 %
% Toluene-d8	98			%	1	12/22/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	63	25	ug/kg	1	12/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	104			%	1	12/22/15	JLI	70 - 130 %
% Bromofluorobenzene	145			%	1	12/22/15	JLI	70 - 130 %
% Toluene-d8	98			%	1	12/22/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	13	0.63	ug/Kg	1	12/22/15	JLI	SW8260C
Acrolein	ND	13	1.6	ug/Kg	1	12/22/15	JLI	SW8260C
Acrylonitrile	ND	13	0.32	ug/Kg	1	12/22/15	JLI	SW8260C
Tert-butyl alcohol	ND	63	13	ug/Kg	1	12/22/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	260	93	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	750	260	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	160	J 260	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	750	380	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	260	240	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	750	750	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	300	170	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	750	120	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	420	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	120	J 260	100	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	840	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	2000	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Ben-zidine	ND	750	220	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	1900	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	1600	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	920	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	1600	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	1900	750	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	260	97	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	200	J 260	110	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	320	J 1900	280	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	2300	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	250	J 260	120	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	300	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	260	97	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	4800	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	270	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	990	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	5200	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	4300	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	260	92	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	102			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	80			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	47			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	85			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	68			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	67			%	1	12/19/15	DD	30 - 130 %
Semivolatile Library Search	Completed					12/21/15	DD	

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.

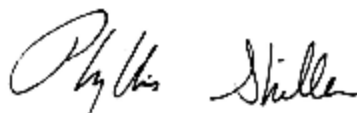
Volatile comment:

**Surrogate recoveries were outside control limits 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.

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41648

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB8 11-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	75			%		12/18/15	LK	SW846-%Solid
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Field Extraction	Completed					12/17/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	680	490	ug/Kg	1000	12/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C
1,2,4-Trimethylbenzene	6500	D 5900	970	ug/Kg	2000	12/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	1100	490	ug/Kg	1000	12/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	2400	490	ug/Kg	1000	12/23/15	JLI	SW8260C
1,3-Dichloropropane	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	1800	490	ug/Kg	1000	12/23/15	JLI	SW8260C
2,2-Dichloropropane	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C
2-Chlorotoluene	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C
2-Hexanone	ND	24000	4900	ug/Kg	1000	12/23/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	11000	D 9700	970	ug/Kg	2000	12/23/15	JLI	SW8260C	1
4-Chlorotoluene	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	24000	4900	ug/Kg	1000	12/23/15	JLI	SW8260C	
Acetone	ND	49000	4900	ug/Kg	1000	12/23/15	JLI	SW8260C	
Acrylonitrile	ND	9700	970	ug/Kg	1000	12/23/15	JLI	SW8260C	
Benzene	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
Bromobenzene	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
Bromochloromethane	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
Bromodichloromethane	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C	
Bromoform	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C	
Bromomethane	ND	4900	1900	ug/Kg	1000	12/23/15	JLI	SW8260C	
Carbon Disulfide	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C	
Carbon tetrachloride	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C	
Chlorobenzene	ND	1100	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
Chloroethane	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
Chloroform	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
Chloromethane	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
Dibromochloromethane	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C	
Dibromomethane	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
Ethylbenzene	ND	1000	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
Hexachlorobutadiene	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
Isopropylbenzene	17000	D 9700	970	ug/Kg	2000	12/23/15	JLI	SW8260C	
m&p-Xylene	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	29000	4900	ug/Kg	1000	12/23/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	9700	970	ug/Kg	1000	12/23/15	JLI	SW8260C	
Methylene chloride	ND	4900	4900	ug/Kg	1000	12/23/15	JLI	SW8260C	
Naphthalene	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C	
n-Butylbenzene	16000	D 9700	970	ug/Kg	2000	12/23/15	JLI	SW8260C	
n-Propylbenzene	31000	D 9700	1700	ug/Kg	2000	12/23/15	JLI	SW8260C	
o-Xylene	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C	
p-Isopropyltoluene	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
sec-Butylbenzene	31000	D 9700	970	ug/Kg	2000	12/23/15	JLI	SW8260C	
Styrene	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
tert-Butylbenzene	4700	D 2900	970	ug/Kg	2000	12/23/15	JLI	SW8260C	
Tetrachloroethene	ND	1300	970	ug/Kg	1000	12/23/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	9700	2400	ug/Kg	1000	12/23/15	JLI	SW8260C	1
Toluene	ND	700	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	9700	2400	ug/Kg	1000	12/23/15	JLI	SW8260C	
Trichloroethene	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
Trichlorofluoromethane	ND	4900	970	ug/Kg	1000	12/23/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
Vinyl chloride	ND	4900	490	ug/Kg	1000	12/23/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	98			%	1000	12/23/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	117			%	1000	12/23/15	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1000	12/23/15	JLI	70 - 130 %
% Toluene-d8	98			%	1000	12/23/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	97000	39000	ug/kg	1000	12/23/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1000	12/23/15	JLI	70 - 130 %
% Bromofluorobenzene	117			%	1000	12/23/15	JLI	70 - 130 %
% Toluene-d8	98			%	1000	12/23/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	19000	970	ug/Kg	1000	12/23/15	JLI	SW8260C
Acrolein	ND	19000	2400	ug/Kg	1000	12/23/15	JLI	SW8260C
Acrylonitrile	ND	19000	490	ug/Kg	1000	12/23/15	JLI	SW8260C
Tert-butyl alcohol	ND	97000	19000	ug/Kg	1000	12/23/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	300	240	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	300	150	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	860	300	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	300	170	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Chlorophenol	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	860	440	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	300	270	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	860	200	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	860	860	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2200	460	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	350	200	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	300	150	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	860	140	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	430	200	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	350	350	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	150	J 300	150	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	860	250	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	150	J 300	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	ND	300	150	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	2200	860	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	840	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	2200	330	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	150	J 300	150	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	300	110	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	300	110	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	260	J 300	140	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	300	160	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	300	130	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
Nitrobenzene	ND	300	150	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	300	120	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	300	170	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	300	160	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	300	160	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	260	J 300	120	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	300	140	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	250	J 300	150	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	300	110	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	87			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	61			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	36			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	131			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	51			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	73			%	1	12/19/15	DD	30 - 130 %

1

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Semivolatile Library Search	Completed					12/21/15	DD	

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.

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.

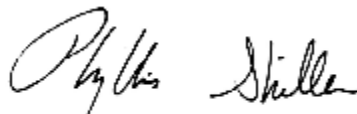
Volatile Comment:

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

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

12/18/15 17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41649

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB8 18-20

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.50	0.50	0.50	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	5620	50	10	mg/Kg	10	12/20/15	LK	SW6010C
Arsenic	4.1	* 1.0	1.0	mg/Kg	1	12/20/15	LK	SW6010C
Barium	88.9	N 1.0	0.50	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.49	0.40	0.20	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	2980	5.0	4.6	mg/Kg	1	12/20/15	LK	SW6010C
Cadmium	0.50	0.50	0.20	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	11.5	0.50	0.50	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	29.1	0.50	0.50	mg/Kg	1	12/20/15	LK	SW6010C
Copper	31.4	0.50	0.50	mg/kg	1	12/20/15	LK	SW6010C
Iron	15900	50	50	mg/Kg	10	12/20/15	LK	SW6010C
Mercury	0.92	N 0.04	0.02	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	3050	N 10	3.9	mg/Kg	1	12/20/15	LK	SW6010C
Magnesium	3130	5.0	5.0	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	261	5.0	5.0	mg/Kg	10	12/20/15	LK	SW6010C
Sodium	192	N 10	4.3	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	17.5	0.50	0.50	mg/Kg	1	12/20/15	LK	SW6010C
Lead	134	N 1.0	0.50	mg/Kg	1	12/20/15	LK	SW6010C
Antimony	< 2.5	2.5	2.5	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 2.0	2.0	1.7	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 2.0	2.0	2.0	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	40.0	0.5	0.50	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	136	1.0	0.50	mg/Kg	1	12/20/15	LK	SW6010C
Percent Solid	69			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	JC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	JC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	48	48	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	48	48	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	48	48	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	48	48	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	48	48	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	48	48	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	48	48	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	48	48	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	48	48	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	94			%	2	12/19/15	AW	30 - 150 %
% TCMX	77			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.9	2.9	ug/Kg	2	12/20/15	CE	SW8081B
4,4' -DDE	ND	2.9	2.9	ug/Kg	2	12/20/15	CE	SW8081B
4,4' -DDT	ND	2.9	2.9	ug/Kg	2	12/20/15	CE	SW8081B
α-BHC	ND	9.5	9.5	ug/Kg	2	12/20/15	CE	SW8081B
α-Chlordane	ND	4.8	4.8	ug/Kg	2	12/20/15	CE	SW8081B
Aldrin	ND	4.8	4.8	ug/Kg	2	12/20/15	CE	SW8081B
β-BHC	ND	9.5	9.5	ug/Kg	2	12/20/15	CE	SW8081B
Chlordane	ND	48	48	ug/Kg	2	12/20/15	CE	SW8081B
δ-BHC	ND	9.5	9.5	ug/Kg	2	12/20/15	CE	SW8081B
Dieldrin	ND	4.8	4.8	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan I	ND	9.5	9.5	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan II	ND	9.5	9.5	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan sulfate	ND	9.5	9.5	ug/Kg	2	12/20/15	CE	SW8081B
Endrin	ND	9.5	9.5	ug/Kg	2	12/20/15	CE	SW8081B
Endrin aldehyde	ND	9.5	9.5	ug/Kg	2	12/20/15	CE	SW8081B
Endrin ketone	ND	9.5	9.5	ug/Kg	2	12/20/15	CE	SW8081B
γ-BHC	ND	1.9	1.9	ug/Kg	2	12/20/15	CE	SW8081B
γ-Chlordane	ND	4.8	4.8	ug/Kg	2	12/20/15	CE	SW8081B
Heptachlor	ND	9.5	9.5	ug/Kg	2	12/20/15	CE	SW8081B
Heptachlor epoxide	ND	9.5	9.5	ug/Kg	2	12/20/15	CE	SW8081B
Methoxychlor	ND	48	48	ug/Kg	2	12/20/15	CE	SW8081B
Toxaphene	ND	190	190	ug/Kg	2	12/20/15	CE	SW8081B

QA/QC Surrogates

% DCBP	66			%	2	12/20/15	CE	30 - 150 %
% TCMX	64			%	2	12/20/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
1,2,4-Trimethylbenzene	46	J 290	29	ug/Kg	50	12/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	0.76	J 5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
2-Chlorotoluene	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
2-Hexanone	ND	30	5.9	ug/Kg	1	12/23/15	JLI	SW8260C
2-Isopropyltoluene	39	J 290	29	ug/Kg	50	12/23/15	JLI	SW8260C
4-Chlorotoluene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	30	5.9	ug/Kg	1	12/23/15	JLI	SW8260C
Acetone	ND	50	5.9	ug/Kg	1	12/23/15	JLI	SW8260C
Acrylonitrile	ND	12	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
Benzene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
Bromobenzene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
Bromochloromethane	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
Bromodichloromethane	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
Bromoform	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
Bromomethane	ND	5.9	2.4	ug/Kg	1	12/23/15	JLI	SW8260C
Carbon Disulfide	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
Carbon tetrachloride	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
Chlorobenzene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
Chloroethane	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
Chloroform	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
Chloromethane	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
Dibromochloromethane	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
Dibromomethane	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
Ethylbenzene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
Isopropylbenzene	76	J 290	29	ug/Kg	50	12/23/15	JLI	SW8260C
m&p-Xylene	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	36	5.9	ug/Kg	1	12/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
Methylene chloride	ND	5.9	5.9	ug/Kg	1	12/23/15	JLI	SW8260C
Naphthalene	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
n-Butylbenzene	31	J 290	29	ug/Kg	50	12/23/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	73	J 290	53	ug/Kg	50	12/23/15	JLI	SW8260C
o-Xylene	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
sec-Butylbenzene	80	J 290	29	ug/Kg	50	12/23/15	JLI	SW8260C
Styrene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
tert-Butylbenzene	68	J 290	29	ug/Kg	50	12/23/15	JLI	SW8260C
Tetrachloroethene	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	3.0	ug/Kg	1	12/23/15	JLI	SW8260C
Toluene	32	J 290	29	ug/Kg	50	12/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	12	3.0	ug/Kg	1	12/23/15	JLI	SW8260C
Trichloroethene	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.9	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
Vinyl chloride	ND	5.9	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	12/23/15	JLI	70 - 130 %
% Bromofluorobenzene	135			%	1	12/23/15	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	12/23/15	JLI	70 - 130 %
% Toluene-d8	99			%	1	12/23/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	48	ug/kg	1	12/23/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	12/23/15	JLI	70 - 130 %
% Bromofluorobenzene	135			%	1	12/23/15	JLI	70 - 130 %
% Toluene-d8	99			%	1	12/23/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	24	1.2	ug/Kg	1	12/23/15	JLI	SW8260C
Acrolein	ND	24	3.0	ug/Kg	1	12/23/15	JLI	SW8260C
Acrylonitrile	ND	24	0.59	ug/Kg	1	12/23/15	JLI	SW8260C
Tert-butyl alcohol	ND	120	24	ug/Kg	1	12/23/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	330	170	ug/Kg	1	12/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	330	140	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	330	130	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	330	150	ug/Kg	1	12/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	330	140	ug/Kg	1	12/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	330	140	ug/Kg	1	12/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	330	260	ug/Kg	1	12/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	330	150	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	330	170	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	330	120	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	940	330	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrotoluene	ND	330	180	ug/Kg	1	12/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	330	150	ug/Kg	1	12/21/15	DD	SW8270D
2-Chloronaphthalene	ND	330	130	ug/Kg	1	12/21/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	330	130	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylnaphthalene	ND	330	140	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	330	220	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitroaniline	ND	940	470	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitrophenol	ND	330	300	ug/Kg	1	12/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	330	330	180	ug/Kg	1	12/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	940	220	ug/Kg	1	12/21/15	DD	SW8270D
3-Nitroaniline	ND	940	940	ug/Kg	1	12/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2300	500	ug/Kg	1	12/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	330	140	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	330	170	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloroaniline	ND	380	220	ug/Kg	1	12/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	330	160	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitroaniline	ND	940	160	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitrophenol	ND	470	210	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthene	190	J 330	140	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthylene	ND	330	130	ug/Kg	1	12/21/15	DD	SW8270D
Acetophenone	ND	330	150	ug/Kg	1	12/21/15	DD	SW8270D
Aniline	ND	380	380	ug/Kg	1	12/21/15	DD	SW8270D
Anthracene	490	330	150	ug/Kg	1	12/21/15	DD	SW8270D
Benz(a)anthracene	770	330	160	ug/Kg	1	12/21/15	DD	SW8270D
Benzidine	ND	940	280	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(a)pyrene	720	330	150	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(b)fluoranthene	560	330	160	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(ghi)perylene	390	330	150	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(k)fluoranthene	600	330	160	ug/Kg	1	12/21/15	DD	SW8270D
Benzoic acid	ND	2300	940	ug/Kg	1	12/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	330	120	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	330	130	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	330	130	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	330	130	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	330	140	ug/Kg	1	12/21/15	DD	SW8270D
Carbazole	ND	2300	360	ug/Kg	1	12/21/15	DD	SW8270D
Chrysene	790	330	160	ug/Kg	1	12/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	150	ug/Kg	1	12/21/15	DD	SW8270D
Dibenzofuran	ND	330	140	ug/Kg	1	12/21/15	DD	SW8270D
Diethyl phthalate	ND	330	150	ug/Kg	1	12/21/15	DD	SW8270D
Dimethylphthalate	ND	330	150	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-butylphthalate	ND	330	120	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-octylphthalate	ND	330	120	ug/Kg	1	12/21/15	DD	SW8270D
Fluoranthene	1800	330	150	ug/Kg	1	12/21/15	DD	SW8270D
Fluorene	210	J 330	150	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobenzene	ND	330	140	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobutadiene	ND	330	170	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	330	140	ug/Kg	1	12/21/15	DD	SW8270D
Hexachloroethane	ND	330	140	ug/Kg	1	12/21/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	430	330	160	ug/Kg	1	12/21/15	DD	SW8270D
Isophorone	ND	330	130	ug/Kg	1	12/21/15	DD	SW8270D
Naphthalene	ND	330	140	ug/Kg	1	12/21/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	330	160	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	330	130	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	330	150	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	330	180	ug/Kg	1	12/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	330	170	ug/Kg	1	12/21/15	DD	SW8270D
Pentachlorophenol	ND	330	180	ug/Kg	1	12/21/15	DD	SW8270D
Phenanthrene	1900	330	130	ug/Kg	1	12/21/15	DD	SW8270D
Phenol	ND	330	150	ug/Kg	1	12/21/15	DD	SW8270D
Pyrene	1600	330	160	ug/Kg	1	12/21/15	DD	SW8270D
Pyridine	ND	330	120	ug/Kg	1	12/21/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	65			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	56			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorophenol	44			%	1	12/21/15	DD	30 - 130 %
% Nitrobenzene-d5	54			%	1	12/21/15	DD	30 - 130 %
% Phenol-d5	56			%	1	12/21/15	DD	30 - 130 %
% Terphenyl-d14	59			%	1	12/21/15	DD	30 - 130 %
Semivolatile Library Search	Completed					12/21/15	DD	

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.

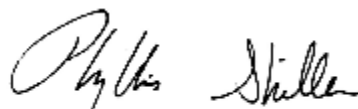
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile comment:

One of the surrogate recoveries is above the upper range 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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41650

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB9 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	4170	36	7.3	mg/Kg	10	12/20/15	LK	SW6010C
Arsenic	15.2	* 0.7	0.73	mg/Kg	1	12/20/15	LK	SW6010C
Barium	179	N 0.7	0.36	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.26	B 0.29	0.15	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	11800	36	33	mg/Kg	10	12/20/15	LK	SW6010C
Cadmium	1.46	0.36	0.15	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	8.92	0.36	0.36	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	20.7	0.36	0.36	mg/Kg	1	12/20/15	LK	SW6010C
Copper	66.8	0.36	0.36	mg/kg	1	12/20/15	LK	SW6010C
Iron	31700	36	36	mg/Kg	10	12/20/15	LK	SW6010C
Mercury	4.47	N 0.30	0.18	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1210	N 7	2.8	mg/Kg	1	12/20/15	LK	SW6010C
Magnesium	1550	3.6	3.6	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	189	3.6	3.6	mg/Kg	10	12/20/15	LK	SW6010C
Sodium	907	N 7	3.1	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	17.8	0.36	0.36	mg/Kg	1	12/20/15	LK	SW6010C
Lead	612	N 7.3	3.6	mg/Kg	10	12/20/15	LK	SW6010C
Antimony	3.4	1.8	1.8	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 1.5	1.5	1.2	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 1.5	1.5	1.5	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	15.8	0.4	0.36	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	170	7.3	3.6	mg/Kg	10	12/20/15	LK	SW6010C
Percent Solid	86			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	JC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	JC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	38	38	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	38	38	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	38	38	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	38	38	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	38	38	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	38	38	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	38	38	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	38	38	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	38	38	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	94			%	2	12/19/15	AW	30 - 150 %
% TCMX	78			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	12/20/15	CE	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	12/20/15	CE	SW8081B
4,4' -DDT	ND	3.0	3.0	ug/Kg	2	12/20/15	CE	SW8081B
a-BHC	ND	7.6	7.6	ug/Kg	2	12/20/15	CE	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	12/20/15	CE	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	12/20/15	CE	SW8081B
b-BHC	ND	7.6	7.6	ug/Kg	2	12/20/15	CE	SW8081B
Chlordane	ND	38	38	ug/Kg	2	12/20/15	CE	SW8081B
d-BHC	ND	7.6	7.6	ug/Kg	2	12/20/15	CE	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan I	ND	7.6	7.6	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan II	ND	7.6	7.6	ug/Kg	2	12/20/15	CE	SW8081B
Endosulfan sulfate	ND	7.6	7.6	ug/Kg	2	12/20/15	CE	SW8081B
Endrin	ND	7.6	7.6	ug/Kg	2	12/20/15	CE	SW8081B
Endrin aldehyde	ND	7.6	7.6	ug/Kg	2	12/20/15	CE	SW8081B
Endrin ketone	ND	7.6	7.6	ug/Kg	2	12/20/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	12/20/15	CE	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	12/20/15	CE	SW8081B
Heptachlor	ND	7.6	7.6	ug/Kg	2	12/20/15	CE	SW8081B
Heptachlor epoxide	ND	7.6	7.6	ug/Kg	2	12/20/15	CE	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	12/20/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	12/20/15	CE	SW8081B

QA/QC Surrogates

% DCBP	66			%	2	12/20/15	CE	30 - 150 %
% TCMX	66			%	2	12/20/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
1,1,1-Trichloroethane	56	J 280	28	ug/Kg	50	12/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	270	56	ug/Kg	50	12/22/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	64	J 280	28	ug/Kg	50	12/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
2-Chlorotoluene	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
2-Hexanone	ND	1400	280	ug/Kg	50	12/22/15	JLI	SW8260C
2-Isopropyltoluene	50	J 280	28	ug/Kg	50	12/22/15	JLI	SW8260C
4-Chlorotoluene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	1400	280	ug/Kg	50	12/22/15	JLI	SW8260C
Acetone	ND	2800	280	ug/Kg	50	12/22/15	JLI	SW8260C
Acrylonitrile	ND	560	56	ug/Kg	50	12/22/15	JLI	SW8260C
Benzene	ND	60	28	ug/Kg	50	12/22/15	JLI	SW8260C
Bromobenzene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
Bromochloromethane	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
Bromodichloromethane	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
Bromoform	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
Bromomethane	ND	280	110	ug/Kg	50	12/22/15	JLI	SW8260C
Carbon Disulfide	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
Carbon tetrachloride	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
Chlorobenzene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
Chloroethane	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
Chloroform	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
Chloromethane	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	28	ug/Kg	50	12/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
Dibromochloromethane	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
Dibromomethane	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
Ethylbenzene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
Isopropylbenzene	60	J 280	28	ug/Kg	50	12/22/15	JLI	SW8260C
m&p-Xylene	78	J 280	56	ug/Kg	50	12/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	1700	280	ug/Kg	50	12/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	560	56	ug/Kg	50	12/22/15	JLI	SW8260C
Methylene chloride	ND	280	280	ug/Kg	50	12/22/15	JLI	SW8260C
Naphthalene	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
n-Butylbenzene	86	J 280	28	ug/Kg	50	12/22/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	140	J 280	50	ug/Kg	50	12/22/15	JLI	SW8260C
o-Xylene	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
sec-Butylbenzene	140	J 280	28	ug/Kg	50	12/22/15	JLI	SW8260C
Styrene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
tert-Butylbenzene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
Tetrachloroethene	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	560	140	ug/Kg	50	12/22/15	JLI	SW8260C
Toluene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	190	28	ug/Kg	50	12/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	560	140	ug/Kg	50	12/22/15	JLI	SW8260C
Trichloroethene	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	280	56	ug/Kg	50	12/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
Vinyl chloride	ND	280	28	ug/Kg	50	12/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	50	12/22/15	JLI	70 - 130 %
% Bromofluorobenzene	105			%	50	12/22/15	JLI	70 - 130 %
% Dibromofluoromethane	93			%	50	12/22/15	JLI	70 - 130 %
% Toluene-d8	99			%	50	12/22/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	5600	2200	ug/kg	50	12/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	50	12/22/15	JLI	70 - 130 %
% Bromofluorobenzene	105			%	50	12/22/15	JLI	70 - 130 %
% Toluene-d8	99			%	50	12/22/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1100	56	ug/Kg	50	12/22/15	JLI	SW8260C
Acrolein	ND	1100	140	ug/Kg	50	12/22/15	JLI	SW8260C
Acrylonitrile	ND	1100	28	ug/Kg	50	12/22/15	JLI	SW8260C
Tert-butyl alcohol	ND	5600	1100	ug/Kg	50	12/22/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	270	95	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	770	270	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	770	390	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	270	240	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	770	180	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	770	770	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	770	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	380	170	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Aniline	ND	310	310	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	240	J 270	130	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	1800	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	770	230	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	1800	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	1700	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	1000	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	1700	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	1900	770	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	270	99	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	1000	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	1900	290	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	2100	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	270	J 270	120	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	270	100	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	270	99	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	2500	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	1100	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	270	130	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	270	140	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	1100	270	110	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	270	120	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	2200	270	130	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	270	94	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	81			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	75			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	38			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	78			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	57			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	59			%	1	12/19/15	DD	30 - 130 %
Semivolatile Library Search	Completed					12/21/15	DD	

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.

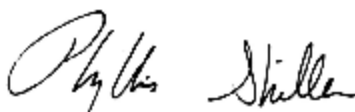
Volatile Comment:

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41651

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB9 11-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	82			%		12/18/15	LK	SW846-%Solid
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Field Extraction	Completed					12/17/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C
1,2,4-Trimethylbenzene	510	330	33	ug/Kg	50	12/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	200	J 330	33	ug/Kg	50	12/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C
1,3-Dichloropropane	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C
2,2-Dichloropropane	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C
2-Chlorotoluene	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C
2-Hexanone	ND	13	2.6	ug/Kg	1	12/23/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	51	J 330	33	ug/Kg	50	12/23/15	JLI	SW8260C	1
4-Chlorotoluene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	13	2.6	ug/Kg	1	12/23/15	JLI	SW8260C	
Acetone	3.1	JS 26	2.6	ug/Kg	1	12/23/15	JLI	SW8260C	
Acrylonitrile	ND	5.1	0.51	ug/Kg	1	12/23/15	JLI	SW8260C	
Benzene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
Bromobenzene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
Bromochloromethane	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
Bromodichloromethane	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C	
Bromoform	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C	
Bromomethane	ND	2.6	1.0	ug/Kg	1	12/23/15	JLI	SW8260C	
Carbon Disulfide	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C	
Carbon tetrachloride	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C	
Chlorobenzene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
Chloroethane	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
Chloroform	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
Chloromethane	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
Dibromochloromethane	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C	
Dibromomethane	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
Ethylbenzene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
Hexachlorobutadiene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
Isopropylbenzene	55	J 330	33	ug/Kg	50	12/23/15	JLI	SW8260C	
m&p-Xylene	230	J 330	67	ug/Kg	50	12/23/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	15	2.6	ug/Kg	1	12/23/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	5.1	0.51	ug/Kg	1	12/23/15	JLI	SW8260C	
Methylene chloride	ND	2.6	2.6	ug/Kg	1	12/23/15	JLI	SW8260C	
Naphthalene	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C	
n-Butylbenzene	71	J 330	33	ug/Kg	50	12/23/15	JLI	SW8260C	
n-Propylbenzene	130	J 330	60	ug/Kg	50	12/23/15	JLI	SW8260C	
o-Xylene	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C	
p-Isopropyltoluene	0.30	J 2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
sec-Butylbenzene	130	J 330	33	ug/Kg	50	12/23/15	JLI	SW8260C	
Styrene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
tert-Butylbenzene	0.51	J 2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
Tetrachloroethene	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	5.1	1.3	ug/Kg	1	12/23/15	JLI	SW8260C	1
Toluene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.1	1.3	ug/Kg	1	12/23/15	JLI	SW8260C	
Trichloroethene	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
Trichlorofluoromethane	ND	2.6	0.51	ug/Kg	1	12/23/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
Vinyl chloride	ND	2.6	0.26	ug/Kg	1	12/23/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	104			%	1	12/23/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	120			%	1	12/23/15	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	12/23/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	12/23/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	51	20	ug/kg	1	12/23/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	104			%	1	12/23/15	JLI	70 - 130 %
% Bromofluorobenzene	120			%	1	12/23/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	12/23/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	10	0.51	ug/Kg	1	12/23/15	JLI	SW8260C
Acrolein	ND	10	1.3	ug/Kg	1	12/23/15	JLI	SW8260C
Acrylonitrile	ND	10	0.26	ug/Kg	1	12/23/15	JLI	SW8260C
Tert-butyl alcohol	ND	51	10	ug/Kg	1	12/23/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	280	100	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	810	280	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	810	410	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	280	260	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	810	190	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	810	810	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2000	430	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	320	190	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	140	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	810	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	400	180	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	320	320	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	140	J 280	130	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	610	280	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	810	240	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	660	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	560	280	140	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	320	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	580	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	2000	810	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	120	J 280	120	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	2000	310	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	700	280	140	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	1200	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	280	150	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	400	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	280	120	ug/Kg	1	12/19/15	DD	SW8270D
Nitrobenzene	ND	280	140	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	160	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	280	150	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	720	280	120	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	1100	280	140	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	280	99	ug/Kg	1	12/19/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	75			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	54			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	36			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	69			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	58			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	64			%	1	12/19/15	DD	30 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Semivolatile Library Search	Completed					12/21/15	DD	

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.

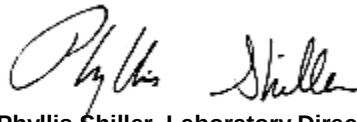
Volatile Comment:

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.

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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41652

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB9 18-20

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	2340	36	7.2	mg/Kg	10	12/20/15	LK	SW6010C
Arsenic	27.0	* 0.7	0.72	mg/Kg	1	12/20/15	LK	SW6010C
Barium	62.3	N 0.7	0.36	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.25	B 0.29	0.14	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	7440	3.6	3.3	mg/Kg	1	12/20/15	LK	SW6010C
Cadmium	1.39	0.36	0.14	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	6.89	0.36	0.36	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	12.3	0.36	0.36	mg/Kg	1	12/20/15	LK	SW6010C
Copper	18.4	0.36	0.36	mg/kg	1	12/20/15	LK	SW6010C
Iron	31300	36	36	mg/Kg	10	12/20/15	LK	SW6010C
Mercury	0.14	N 0.03	0.02	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	638	N 7	2.8	mg/Kg	1	12/20/15	LK	SW6010C
Magnesium	856	3.6	3.6	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	282	3.6	3.6	mg/Kg	10	12/20/15	LK	SW6010C
Sodium	242	N 7	3.1	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	9.12	0.36	0.36	mg/Kg	1	12/20/15	LK	SW6010C
Lead	106	N 0.7	0.36	mg/Kg	1	12/20/15	LK	SW6010C
Antimony	< 1.8	1.8	1.8	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	63.9	0.4	0.36	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	21.3	0.7	0.36	mg/Kg	1	12/20/15	LK	SW6010C
Percent Solid	87			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	JC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	JC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	37	37	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	91			%	2	12/19/15	AW	30 - 150 %
% TCMX	76			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	12/23/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	12/23/15	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	12/23/15	CE	SW8081B
a-BHC	ND	7.5	7.5	ug/Kg	2	12/23/15	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	12/23/15	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	12/23/15	CE	SW8081B
b-BHC	ND	7.5	7.5	ug/Kg	2	12/23/15	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	12/23/15	CE	SW8081B
d-BHC	ND	7.5	7.5	ug/Kg	2	12/23/15	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan I	ND	7.5	7.5	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan II	ND	7.5	7.5	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan sulfate	ND	7.5	7.5	ug/Kg	2	12/23/15	CE	SW8081B
Endrin	ND	7.5	7.5	ug/Kg	2	12/23/15	CE	SW8081B
Endrin aldehyde	ND	7.5	7.5	ug/Kg	2	12/23/15	CE	SW8081B
Endrin ketone	ND	7.5	7.5	ug/Kg	2	12/23/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	12/23/15	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	12/23/15	CE	SW8081B
Heptachlor	ND	7.5	7.5	ug/Kg	2	12/23/15	CE	SW8081B
Heptachlor epoxide	ND	7.5	7.5	ug/Kg	2	12/23/15	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	12/23/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	12/23/15	CE	SW8081B

QA/QC Surrogates

% DCBP	62			%	2	12/23/15	CE	30 - 150 %
% TCMX	56			%	2	12/23/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	220	43	ug/Kg	50	12/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	220	43	ug/Kg	50	12/23/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	220	22	ug/Kg	50	12/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	220	43	ug/Kg	50	12/23/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	220	22	ug/Kg	50	12/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	220	43	ug/Kg	50	12/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	220	22	ug/Kg	50	12/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	220	22	ug/Kg	50	12/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	220	22	ug/Kg	50	12/23/15	JLI	SW8260C
1,3-Dichloropropane	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	220	22	ug/Kg	50	12/23/15	JLI	SW8260C
2,2-Dichloropropane	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
2-Chlorotoluene	ND	220	43	ug/Kg	50	12/23/15	JLI	SW8260C
2-Hexanone	ND	38	7.6	ug/Kg	1	12/23/15	JLI	SW8260C
2-Isopropyltoluene	24	J 220	22	ug/Kg	50	12/23/15	JLI	SW8260C
4-Chlorotoluene	ND	220	22	ug/Kg	50	12/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	38	7.6	ug/Kg	1	12/23/15	JLI	SW8260C
Acetone	16	JS 50	7.6	ug/Kg	1	12/23/15	JLI	SW8260C
Acrylonitrile	ND	15	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
Benzene	34	J 60	22	ug/Kg	50	12/23/15	JLI	SW8260C
Bromobenzene	ND	220	22	ug/Kg	50	12/23/15	JLI	SW8260C
Bromochloromethane	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
Bromodichloromethane	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
Bromoform	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
Bromomethane	ND	7.6	3.1	ug/Kg	1	12/23/15	JLI	SW8260C
Carbon Disulfide	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
Carbon tetrachloride	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
Chlorobenzene	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
Chloroethane	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
Chloroform	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
Chloromethane	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
Dibromochloromethane	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
Dibromomethane	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
Ethylbenzene	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
Hexachlorobutadiene	ND	220	22	ug/Kg	50	12/23/15	JLI	SW8260C
Isopropylbenzene	ND	220	22	ug/Kg	50	12/23/15	JLI	SW8260C
m&p-Xylene	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	46	7.6	ug/Kg	1	12/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	15	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
Methylene chloride	ND	7.6	7.6	ug/Kg	1	12/23/15	JLI	SW8260C
Naphthalene	ND	220	43	ug/Kg	50	12/23/15	JLI	SW8260C
n-Butylbenzene	ND	220	22	ug/Kg	50	12/23/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	220	39	ug/Kg	50	12/23/15	JLI	SW8260C
o-Xylene	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
p-Isopropyltoluene	130	J 220	22	ug/Kg	50	12/23/15	JLI	SW8260C
sec-Butylbenzene	49	J 220	22	ug/Kg	50	12/23/15	JLI	SW8260C
Styrene	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
tert-Butylbenzene	ND	220	22	ug/Kg	50	12/23/15	JLI	SW8260C
Tetrachloroethene	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	15	3.8	ug/Kg	1	12/23/15	JLI	SW8260C
Toluene	79	J 220	22	ug/Kg	50	12/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	430	110	ug/Kg	50	12/23/15	JLI	SW8260C
Trichloroethene	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
Trichlorofluoromethane	ND	7.6	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
Vinyl chloride	ND	7.6	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	50	12/23/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	50	12/23/15	JLI	70 - 130 %
% Dibromofluoromethane	106			%	1	12/23/15	JLI	70 - 130 %
% Toluene-d8	95			%	1	12/23/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	61	ug/kg	1	12/23/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	110			%	1	12/23/15	JLI	70 - 130 %
% Bromofluorobenzene	93			%	1	12/23/15	JLI	70 - 130 %
% Toluene-d8	95			%	1	12/23/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	31	1.5	ug/Kg	1	12/23/15	JLI	SW8260C
Acrolein	ND	31	3.8	ug/Kg	1	12/23/15	JLI	SW8260C
Acrylonitrile	ND	31	0.76	ug/Kg	1	12/23/15	JLI	SW8260C
Tert-butyl alcohol	ND	150	31	ug/Kg	1	12/23/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	1	12/19/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dimethylphenol	ND	260	93	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrophenol	ND	750	260	ug/Kg	1	12/19/15	DD	SW8270D
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	12/19/15	DD	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitroaniline	ND	750	380	ug/Kg	1	12/19/15	DD	SW8270D
2-Nitrophenol	ND	260	240	ug/Kg	1	12/19/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	12/19/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	1	12/19/15	DD	SW8270D
3-Nitroaniline	ND	750	750	ug/Kg	1	12/19/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	1	12/19/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Chloroaniline	ND	300	180	ug/Kg	1	12/19/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitroaniline	ND	750	130	ug/Kg	1	12/19/15	DD	SW8270D
4-Nitrophenol	ND	380	170	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Acenaphthylene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	12/19/15	DD	SW8270D
Anthracene	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benz(a)anthracene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzidine	ND	750	220	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(a)pyrene	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Benzo(k)fluoranthene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Benzoic acid	ND	1900	750	ug/Kg	1	12/19/15	DD	SW8270D
Benzyl butyl phthalate	ND	260	97	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Carbazole	ND	1900	290	ug/Kg	1	12/19/15	DD	SW8270D
Chrysene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-butylphthalate	ND	260	100	ug/Kg	1	12/19/15	DD	SW8270D
Di-n-octylphthalate	ND	260	97	ug/Kg	1	12/19/15	DD	SW8270D
Fluoranthene	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorobutadiene	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Isophorone	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	1	12/19/15	DD	SW8270D
Phenanthrene	ND	260	110	ug/Kg	1	12/19/15	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	12/19/15	DD	SW8270D
Pyrene	ND	260	130	ug/Kg	1	12/19/15	DD	SW8270D
Pyridine	ND	260	93	ug/Kg	1	12/19/15	DD	SW8270D

QA/QC Surrogates

% 2,4,6-Tribromophenol	82			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorobiphenyl	69			%	1	12/19/15	DD	30 - 130 %
% 2-Fluorophenol	50			%	1	12/19/15	DD	30 - 130 %
% Nitrobenzene-d5	73			%	1	12/19/15	DD	30 - 130 %
% Phenol-d5	64			%	1	12/19/15	DD	30 - 130 %
% Terphenyl-d14	67			%	1	12/19/15	DD	30 - 130 %

Semivolatile Library Search Completed 12/21/15 DD

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:

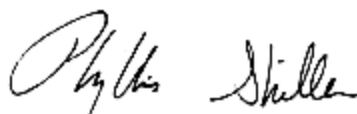
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

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

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41653

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB10 11-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	68			%		12/18/15	LK	SW846-%Solid
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Field Extraction	Completed					12/17/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	270	83	ug/Kg	50	12/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	330	42	ug/Kg	50	12/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C
1,2,4-Trimethylbenzene	410	J 420	42	ug/Kg	50	12/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C
1,3-Dichloropropane	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C
2,2-Dichloropropane	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C
2-Chlorotoluene	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C
2-Hexanone	ND	2100	420	ug/Kg	50	12/23/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	1600	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	1
4-Chlorotoluene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	2100	420	ug/Kg	50	12/23/15	JLI	SW8260C	
Acetone	ND	4200	420	ug/Kg	50	12/23/15	JLI	SW8260C	
Acrylonitrile	ND	830	83	ug/Kg	50	12/23/15	JLI	SW8260C	
Benzene	ND	60	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Bromobenzene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Bromochloromethane	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Bromodichloromethane	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C	
Bromoform	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C	
Bromomethane	ND	420	170	ug/Kg	50	12/23/15	JLI	SW8260C	
Carbon Disulfide	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C	
Carbon tetrachloride	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C	
Chlorobenzene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Chloroethane	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Chloroform	ND	370	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Chloromethane	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C	
cis-1,2-Dichloroethene	170	J 250	42	ug/Kg	50	12/23/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Dibromochloromethane	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C	
Dibromomethane	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Ethylbenzene	98	J 420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Hexachlorobutadiene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Isopropylbenzene	120	J 420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
m&p-Xylene	270	J 420	83	ug/Kg	50	12/23/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	2500	420	ug/Kg	50	12/23/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	830	83	ug/Kg	50	12/23/15	JLI	SW8260C	
Methylene chloride	ND	420	420	ug/Kg	50	12/23/15	JLI	SW8260C	
Naphthalene	610	420	83	ug/Kg	50	12/23/15	JLI	SW8260C	
n-Butylbenzene	1100	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
n-Propylbenzene	540	420	75	ug/Kg	50	12/23/15	JLI	SW8260C	
o-Xylene	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C	
p-Isopropyltoluene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
sec-Butylbenzene	2700	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Styrene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
tert-Butylbenzene	630	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Tetrachloroethene	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	830	210	ug/Kg	50	12/23/15	JLI	SW8260C	1
Toluene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	190	42	ug/Kg	50	12/23/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	830	210	ug/Kg	50	12/23/15	JLI	SW8260C	
Trichloroethene	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Trichlorofluoromethane	ND	420	83	ug/Kg	50	12/23/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Vinyl chloride	350	J 420	42	ug/Kg	50	12/23/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	106			%	50	12/23/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	180			%	50	12/23/15	JLI	70 - 130 %	3
% Dibromofluoromethane	95			%	50	12/23/15	JLI	70 - 130 %	
% Toluene-d8	98			%	50	12/23/15	JLI	70 - 130 %	
<u>1,4-dioxane</u>									
1,4-dioxane	ND	8300	3300	ug/kg	50	12/23/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	106			%	50	12/23/15	JLI	70 - 130 %	3
% Bromofluorobenzene	180			%	50	12/23/15	JLI	70 - 130 %	
% Toluene-d8	98			%	50	12/23/15	JLI	70 - 130 %	
<u>Volatiles</u>									
1,1,1,2-Tetrachloroethane	ND	1700	83	ug/Kg	50	12/23/15	JLI	SW8260C	
Acrolein	ND	1700	210	ug/Kg	50	12/23/15	JLI	SW8260C	
Acrylonitrile	ND	1700	42	ug/Kg	50	12/23/15	JLI	SW8260C	
Tert-butyl alcohol	ND	8300	1700	ug/Kg	50	12/23/15	JLI	SW8260C	
<u>Semivolatiles</u>									
1,2,4,5-Tetrachlorobenzene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D	1
1,2,4-Trichlorobenzene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D	
1,2-Dichlorobenzene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D	
1,2-Diphenylhydrazine	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D	
1,3-Dichlorobenzene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D	
1,4-Dichlorobenzene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D	
2,4,5-Trichlorophenol	ND	340	260	ug/Kg	1	12/21/15	DD	SW8270D	
2,4,6-Trichlorophenol	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D	
2,4-Dichlorophenol	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D	
2,4-Dimethylphenol	ND	340	120	ug/Kg	1	12/21/15	DD	SW8270D	
2,4-Dinitrophenol	ND	960	340	ug/Kg	1	12/21/15	DD	SW8270D	
2,4-Dinitrotoluene	ND	340	190	ug/Kg	1	12/21/15	DD	SW8270D	
2,6-Dinitrotoluene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D	
2-Chloronaphthalene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D	
2-Chlorophenol	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D	
2-Methylnaphthalene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	330	230	ug/Kg	1	12/21/15	DD	SW8270D	
2-Nitroaniline	ND	960	490	ug/Kg	1	12/21/15	DD	SW8270D	
2-Nitrophenol	ND	340	300	ug/Kg	1	12/21/15	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	340	190	ug/Kg	1	12/21/15	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	960	230	ug/Kg	1	12/21/15	DD	SW8270D	
3-Nitroaniline	ND	960	960	ug/Kg	1	12/21/15	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	2400	520	ug/Kg	1	12/21/15	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D	
4-Chloro-3-methylphenol	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D	
4-Chloroaniline	ND	380	220	ug/Kg	1	12/21/15	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D	
4-Nitroaniline	ND	960	160	ug/Kg	1	12/21/15	DD	SW8270D	
4-Nitrophenol	ND	480	220	ug/Kg	1	12/21/15	DD	SW8270D	
Acenaphthene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D	
Acenaphthylene	ND	340	130	ug/Kg	1	12/21/15	DD	SW8270D	
Acetophenone	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	380	380	ug/Kg	1	12/21/15	DD	SW8270D
Anthracene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Benz(a)anthracene	210	J 340	160	ug/Kg	1	12/21/15	DD	SW8270D
Benzidine	ND	960	280	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(a)pyrene	210	J 340	160	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(b)fluoranthene	210	J 340	160	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(ghi)perylene	180	J 340	160	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(k)fluoranthene	190	J 340	160	ug/Kg	1	12/21/15	DD	SW8270D
Benzoic acid	ND	2400	960	ug/Kg	1	12/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	340	120	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	340	130	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	340	130	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	340	130	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	630	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Carbazole	ND	2400	360	ug/Kg	1	12/21/15	DD	SW8270D
Chrysene	240	J 340	160	ug/Kg	1	12/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	160	ug/Kg	1	12/21/15	DD	SW8270D
Dibenzofuran	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Diethyl phthalate	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
Dimethylphthalate	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-butylphthalate	ND	340	130	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-octylphthalate	ND	340	120	ug/Kg	1	12/21/15	DD	SW8270D
Fluoranthene	500	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Fluorene	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobenzene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobutadiene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	340	150	ug/Kg	1	12/21/15	DD	SW8270D
Hexachloroethane	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	180	J 340	160	ug/Kg	1	12/21/15	DD	SW8270D
Isophorone	ND	340	130	ug/Kg	1	12/21/15	DD	SW8270D
Naphthalene	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Nitrobenzene	ND	340	170	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	340	140	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	340	160	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	340	180	ug/Kg	1	12/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	340	180	ug/Kg	1	12/21/15	DD	SW8270D
Pentachlorophenol	ND	340	180	ug/Kg	1	12/21/15	DD	SW8270D
Phenanthrene	400	340	140	ug/Kg	1	12/21/15	DD	SW8270D
Phenol	ND	330	150	ug/Kg	1	12/21/15	DD	SW8270D
Pyrene	470	340	170	ug/Kg	1	12/21/15	DD	SW8270D
Pyridine	ND	340	120	ug/Kg	1	12/21/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	77			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	53			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorophenol	69			%	1	12/21/15	DD	30 - 130 %
% Nitrobenzene-d5	55			%	1	12/21/15	DD	30 - 130 %
% Phenol-d5	71			%	1	12/21/15	DD	30 - 130 %
% Terphenyl-d14	67			%	1	12/21/15	DD	30 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Semivolatile Library Search	Completed					12/22/15	DD	

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.

Volatile Comment:

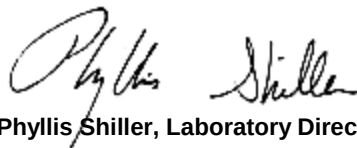
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

**Surrogate recoveries were outside control limits 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

January 20, 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

January 20, 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: GS
Received by: LB
Analyzed by: see "By" below

Date

12/17/15

Time

12/18/15 17:00

Laboratory Data

SDG ID: GBK41633
Phoenix ID: BK41654

Project ID: 65 ECKFORD ST., BROOKLYN
Client ID: 15SB10 18-20

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.63	0.63	0.63	mg/Kg	1	12/20/15	LK	SW6010C
Aluminum	7730	63	13	mg/Kg	10	12/20/15	LK	SW6010C
Arsenic	35.8	* 1.3	1.3	mg/Kg	1	12/20/15	LK	SW6010C
Barium	151	N 1.3	0.63	mg/Kg	1	12/20/15	LK	SW6010C
Beryllium	0.43	B 0.51	0.25	mg/Kg	1	12/20/15	LK	SW6010C
Calcium	21800	63	58	mg/Kg	10	12/20/15	LK	SW6010C
Cadmium	1.22	0.63	0.25	mg/Kg	1	12/20/15	LK	SW6010C
Cobalt	7.98	0.63	0.63	mg/Kg	1	12/20/15	LK	SW6010C
Chromium	24.7	0.63	0.63	mg/Kg	1	12/20/15	LK	SW6010C
Copper	77.0	0.63	0.63	mg/kg	1	12/20/15	LK	SW6010C
Iron	18400	63	63	mg/Kg	10	12/20/15	LK	SW6010C
Mercury	12.1	N 0.48	0.29	mg/Kg	1	12/21/15	RS	SW7471B
Potassium	1310	N 13	4.9	mg/Kg	1	12/20/15	LK	SW6010C
Magnesium	2120	6.3	6.3	mg/Kg	1	12/20/15	LK	SW6010C
Manganese	184	0.63	0.63	mg/Kg	1	12/20/15	LK	SW6010C
Sodium	809	N 13	5.4	mg/Kg	1	12/20/15	LK	SW6010C
Nickel	17.1	0.63	0.63	mg/Kg	1	12/20/15	LK	SW6010C
Lead	268	N 13	6.3	mg/Kg	10	12/20/15	LK	SW6010C
Antimony	< 3.2	3.2	3.2	mg/Kg	1	12/20/15	LK	SW6010C
Selenium	< 2.5	2.5	2.2	mg/Kg	1	12/20/15	LK	SW6010C
Thallium	< 2.5	2.5	2.5	mg/Kg	1	12/20/15	LK	SW6010C
Vanadium	30.2	0.6	0.63	mg/Kg	1	12/20/15	LK	SW6010C
Zinc	277	13	6.3	mg/Kg	10	12/20/15	LK	SW6010C
Percent Solid	52			%		12/18/15	LK	SW846-%Solid
Soil Extraction for PCB	Completed					12/18/15	JC	SW3545A
Soil Extraction for Pest	Completed					12/18/15	JC	SW3545A
Soil Extraction for SVOA	Completed					12/18/15	JJ/CKV	SW3545A
Mercury Digestion	Completed					12/21/15	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					12/18/15	G/AG	SW3050B
Field Extraction	Completed					12/17/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	64	64	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1221	ND	64	64	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1232	ND	64	64	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1242	ND	64	64	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1248	ND	64	64	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1254	ND	64	64	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1260	ND	64	64	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1262	ND	64	64	ug/Kg	2	12/19/15	AW	SW8082A
PCB-1268	ND	64	64	ug/Kg	2	12/19/15	AW	SW8082A

QA/QC Surrogates

% DCBP	61			%	2	12/19/15	AW	30 - 150 %
% TCMX	52			%	2	12/19/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	3.2	3.2	ug/Kg	2	12/23/15	CE	SW8081B
4,4' -DDE	ND	3.2	3.2	ug/Kg	2	12/23/15	CE	SW8081B
4,4' -DDT	ND	3.2	3.2	ug/Kg	2	12/23/15	CE	SW8081B
a-BHC	ND	13	13	ug/Kg	2	12/23/15	CE	SW8081B
a-Chlordane	ND	6.4	6.4	ug/Kg	2	12/23/15	CE	SW8081B
Aldrin	ND	3.2	3.2	ug/Kg	2	12/23/15	CE	SW8081B
b-BHC	ND	13	13	ug/Kg	2	12/23/15	CE	SW8081B
Chlordane	ND	64	64	ug/Kg	2	12/23/15	CE	SW8081B
d-BHC	ND	13	13	ug/Kg	2	12/23/15	CE	SW8081B
Dieldrin	ND	1.9	1.9	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan I	ND	13	13	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan II	ND	13	13	ug/Kg	2	12/23/15	CE	SW8081B
Endosulfan sulfate	ND	13	13	ug/Kg	2	12/23/15	CE	SW8081B
Endrin	ND	13	13	ug/Kg	2	12/23/15	CE	SW8081B
Endrin aldehyde	ND	13	13	ug/Kg	2	12/23/15	CE	SW8081B
Endrin ketone	ND	13	13	ug/Kg	2	12/23/15	CE	SW8081B
g-BHC	ND	2.5	2.5	ug/Kg	2	12/23/15	CE	SW8081B
g-Chlordane	ND	6.4	6.4	ug/Kg	2	12/23/15	CE	SW8081B
Heptachlor	ND	13	13	ug/Kg	2	12/23/15	CE	SW8081B
Heptachlor epoxide	ND	13	13	ug/Kg	2	12/23/15	CE	SW8081B
Methoxychlor	ND	64	64	ug/Kg	2	12/23/15	CE	SW8081B
Toxaphene	ND	250	250	ug/Kg	2	12/23/15	CE	SW8081B

QA/QC Surrogates

% DCBP	48			%	2	12/23/15	CE	30 - 150 %
% TCMX	48			%	2	12/23/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	1000	200	ug/Kg	50	12/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	1000	200	ug/Kg	50	12/23/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	1000	200	ug/Kg	50	12/23/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	1000	200	ug/Kg	50	12/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C
1,3-Dichloropropane	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C
2,2-Dichloropropane	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
2-Chlorotoluene	ND	1000	200	ug/Kg	50	12/23/15	JLI	SW8260C
2-Hexanone	ND	69	14	ug/Kg	1	12/23/15	JLI	SW8260C
2-Isopropyltoluene	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C
4-Chlorotoluene	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	69	14	ug/Kg	1	12/23/15	JLI	SW8260C
Acetone	230	S 50	14	ug/Kg	1	12/23/15	JLI	SW8260C
Acrylonitrile	ND	28	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
Benzene	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
Bromobenzene	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C
Bromochloromethane	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
Bromodichloromethane	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
Bromoform	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
Bromomethane	ND	14	5.5	ug/Kg	1	12/23/15	JLI	SW8260C
Carbon Disulfide	3.6	J 14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
Carbon tetrachloride	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
Chlorobenzene	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
Chloroethane	2.3	J 14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
Chloroform	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
Chloromethane	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
Dibromochloromethane	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
Dibromomethane	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
Ethylbenzene	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
Hexachlorobutadiene	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C
Isopropylbenzene	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C
m&p-Xylene	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
Methyl Ethyl Ketone	63	J 83	14	ug/Kg	1	12/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	28	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
Methylene chloride	ND	14	14	ug/Kg	1	12/23/15	JLI	SW8260C
Naphthalene	ND	1000	200	ug/Kg	50	12/23/15	JLI	SW8260C
n-Butylbenzene	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	1000	180	ug/Kg	50	12/23/15	JLI	SW8260C
o-Xylene	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
p-Isopropyltoluene	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C
sec-Butylbenzene	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C
Styrene	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
tert-Butylbenzene	ND	1000	100	ug/Kg	50	12/23/15	JLI	SW8260C
Tetrachloroethene	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	28	6.9	ug/Kg	1	12/23/15	JLI	SW8260C
Toluene	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	2000	500	ug/Kg	50	12/23/15	JLI	SW8260C
Trichloroethene	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
Trichlorofluoromethane	ND	14	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
Vinyl chloride	ND	14	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	50	12/23/15	JLI	70 - 130 %
% Bromofluorobenzene	97			%	50	12/23/15	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	12/23/15	JLI	70 - 130 %
% Toluene-d8	93			%	1	12/23/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	110	ug/kg	1	12/23/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	12/23/15	JLI	70 - 130 %
% Bromofluorobenzene	83			%	1	12/23/15	JLI	70 - 130 %
% Toluene-d8	93			%	1	12/23/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	55	2.8	ug/Kg	1	12/23/15	JLI	SW8260C
Acrolein	ND	55	6.9	ug/Kg	1	12/23/15	JLI	SW8260C
Acrylonitrile	ND	55	1.4	ug/Kg	1	12/23/15	JLI	SW8260C
Tert-butyl alcohol	ND	280	55	ug/Kg	1	12/23/15	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	440	220	ug/Kg	1	12/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	440	190	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	440	180	ug/Kg	1	12/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	440	210	ug/Kg	1	12/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	440	190	ug/Kg	1	12/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	440	190	ug/Kg	1	12/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	440	350	ug/Kg	1	12/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	440	200	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	440	220	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	440	160	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	1300	440	ug/Kg	1	12/21/15	DD	SW8270D
2,4-Dinitrotoluene	ND	440	250	ug/Kg	1	12/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	440	200	ug/Kg	1	12/21/15	DD	SW8270D
2-Chloronaphthalene	ND	440	180	ug/Kg	1	12/21/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	440	180	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylnaphthalene	ND	440	190	ug/Kg	1	12/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	330	300	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitroaniline	ND	1300	640	ug/Kg	1	12/21/15	DD	SW8270D
2-Nitrophenol	ND	440	400	ug/Kg	1	12/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	440	250	ug/Kg	1	12/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	1300	300	ug/Kg	1	12/21/15	DD	SW8270D
3-Nitroaniline	ND	1300	1300	ug/Kg	1	12/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	3200	680	ug/Kg	1	12/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	440	190	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	440	220	ug/Kg	1	12/21/15	DD	SW8270D
4-Chloroaniline	ND	510	290	ug/Kg	1	12/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	440	210	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitroaniline	ND	1300	210	ug/Kg	1	12/21/15	DD	SW8270D
4-Nitrophenol	ND	630	290	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthene	ND	440	190	ug/Kg	1	12/21/15	DD	SW8270D
Acenaphthylene	ND	440	180	ug/Kg	1	12/21/15	DD	SW8270D
Acetophenone	ND	440	200	ug/Kg	1	12/21/15	DD	SW8270D
Aniline	ND	510	510	ug/Kg	1	12/21/15	DD	SW8270D
Anthracene	ND	440	210	ug/Kg	1	12/21/15	DD	SW8270D
Benz(a)anthracene	260	J 440	210	ug/Kg	1	12/21/15	DD	SW8270D
Ben-zidine	ND	1300	370	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(a)pyrene	250	J 440	210	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(b)fluoranthene	240	J 440	220	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(ghi)perylene	ND	440	200	ug/Kg	1	12/21/15	DD	SW8270D
Benzo(k)fluoranthene	250	J 440	210	ug/Kg	1	12/21/15	DD	SW8270D
Benzoic acid	ND	3200	1300	ug/Kg	1	12/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	440	160	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	440	170	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	440	170	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	440	180	ug/Kg	1	12/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	440	180	ug/Kg	1	12/21/15	DD	SW8270D
Carbazole	ND	3200	480	ug/Kg	1	12/21/15	DD	SW8270D
Chrysene	290	J 440	210	ug/Kg	1	12/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	200	ug/Kg	1	12/21/15	DD	SW8270D
Dibenzofuran	ND	440	180	ug/Kg	1	12/21/15	DD	SW8270D
Diethyl phthalate	ND	440	200	ug/Kg	1	12/21/15	DD	SW8270D
Dimethylphthalate	ND	440	200	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-butylphthalate	ND	440	170	ug/Kg	1	12/21/15	DD	SW8270D
Di-n-octylphthalate	ND	440	160	ug/Kg	1	12/21/15	DD	SW8270D
Fluoranthene	460	440	200	ug/Kg	1	12/21/15	DD	SW8270D
Fluorene	ND	440	210	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobenzene	ND	440	180	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorobutadiene	ND	440	230	ug/Kg	1	12/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	440	190	ug/Kg	1	12/21/15	DD	SW8270D
Hexachloroethane	ND	440	190	ug/Kg	1	12/21/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	440	210	ug/Kg	1	12/21/15	DD	SW8270D
Isophorone	ND	440	180	ug/Kg	1	12/21/15	DD	SW8270D
Naphthalene	ND	440	180	ug/Kg	1	12/21/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	440	220	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	440	180	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	440	200	ug/Kg	1	12/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	440	240	ug/Kg	1	12/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	440	240	ug/Kg	1	12/21/15	DD	SW8270D
Pentachlorophenol	ND	440	240	ug/Kg	1	12/21/15	DD	SW8270D
Phenanthrene	480	440	180	ug/Kg	1	12/21/15	DD	SW8270D
Phenol	ND	330	200	ug/Kg	1	12/21/15	DD	SW8270D
Pyrene	440	J 440	220	ug/Kg	1	12/21/15	DD	SW8270D
Pyridine	ND	440	160	ug/Kg	1	12/21/15	DD	SW8270D

QA/QC Surrogates

% 2,4,6-Tribromophenol	60			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	37			%	1	12/21/15	DD	30 - 130 %
% 2-Fluorophenol	30			%	1	12/21/15	DD	30 - 130 %
% Nitrobenzene-d5	37			%	1	12/21/15	DD	30 - 130 %
% Phenol-d5	39			%	1	12/21/15	DD	30 - 130 %
% Terphenyl-d14	49			%	1	12/21/15	DD	30 - 130 %

Semivolatile Library Search Completed 01/04/16 DD

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:

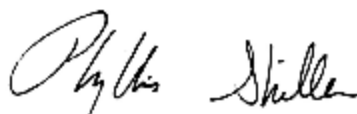
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

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

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

January 20, 2016

Reviewed and Released by: Jon Carlson, Project Manager

CLIENT ID

Client:

SAS No.: SDG No.:

Lab Sample ID: BK41633 BLK

Lab File ID: 1218_34.D

Date Received: 12/18/15

Date Extracted: 12/18/15

Date Analyzed: 12/18/2015

Dilution Factor 1

CONCENTRATION UNITS:

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

15SB2 0-2

Client: EBC

SAS No.:

SDG No.: GBK41633

Lab Sample ID: BK41633

Lab File ID: 1218_39.D

Date Received: 12/18/15

Date Extracted: 12/19/15

Date Analyzed: 12/19/2015

Dilution Factor 1

CONCENTRATION UNITS:

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41633

Matrix:(soil/water) SOIL

Lab Sample ID: BK41634

Sample wt/vol: 15.01 (g/mL) g

Lab File ID: 1218_41.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec. 28 decanted:(Y/N) NA

Date Extracted: 12/19/15

GPC Cleanup (Y/N): N pH: NA

Date Analyzed: 12/19/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 15

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41633

Matrix:(soil/water) SOIL

Lab Sample ID: BK41635

Sample wt/vol: 10.12 (g/mL) g

Lab File ID: 1218_45.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec. 59 decanted:(Y/N) NA

Date Extracted: 12/19/15

GPC Cleanup (Y/N): N pH: NA

Date Analyzed: 12/19/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 15

(ug/L or ug/KG) ug/Kg

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

15SB4 0-2

Client: EBC

SAS No.:

SDG No.: GBK41633

Lab Sample ID: BK41636

Lab File ID: 1218_42.D

Date Received: 12/18/15

Date Extracted: 12/19/15

Date Analyzed: 12/19/2015

Dilution Factor 1

CONCENTRATION UNITS:

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41633

Matrix:(soil/water) SOIL

Lab Sample ID: BK41637

Sample wt/vol: 15.35 (g/mL) g

Lab File ID: 1218_43.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec. 23 decanted:(Y/N) NA

Date Extracted: 12/19/15

GPC Cleanup (Y/N): N pH: NA

Date Analyzed: 12/19/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 15

(ug/L or ug/KG) ug/Kg

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41633

Matrix:(soil/water) SOIL

Lab Sample ID: BK41638

Sample wt/vol: 15.45 (g/mL) g

Lab File ID: 1218_46.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec. 30 decanted:(Y/N) NA

Date Extracted: 12/19/15

GPC Cleanup (Y/N): N pH: NA

Date Analyzed: 12/19/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 6

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

15SB6 0-2

Client: EBC

SAS No.:

SDG No.: GBK41633

Lab Sample ID: BK41639

Lab File ID: 1218_47.D

Date Received: 12/18/15

Date Extracted: 12/19/15

Date Analyzed: 12/19/2015

Dilution Factor 1

CONCENTRATION UNITS:

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41633

Matrix:(soil/water) SOIL

Lab Sample ID: BK41640

Sample wt/vol: 15.32 (g/mL) g

Lab File ID: 1218_48.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec. 34 decanted:(Y/N) NA

Date Extracted: 12/19/15

GPC Cleanup (Y/N): N pH: NA

Date Analyzed: 12/19/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 15

(ug/L or ug/KG) ug/Kg

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41633

Matrix:(soil/water) SOIL

Lab Sample ID: BK41641

Sample wt/vol: 15.08 (g/mL) g

Lab File ID: 1218_49.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec. 36 decanted:(Y/N) NA

Date Extracted: 12/19/15

GPC Cleanup (Y/N): N pH: NA

Date Analyzed: 12/19/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 15

(ug/L or ug/KG) ug/Kg

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

Client: EBC

SDG No.: GBK41633

Lab Sample ID: BK41642

Lab File ID: 1218_50.D

Date Received: 12/18/15

Date Extracted: 12/19/15

Date Analyzed: 12/19/2015

Dilution Factor 1

CONCENTRATION UNITS:
(ug/L or ug/KG)

ug/Kg

[illegible]

CLIENT ID

15SB7 0-2

Client: EBC

SAS No.:

SDG No.: GBK41633

Lab Sample ID: BK41644

Lab File ID: 1218_44.D

Date Received: 12/18/15

Date Extracted: 12/19/15

Date Analyzed: 12/19/2015

Dilution Factor 1

CONCENTRATION UNITS:

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41633

Matrix:(soil/water) SOIL

Lab Sample ID: BK41645

Sample wt/vol: 15 (g/mL) g

Lab File ID: 1218_52.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec. 19 decanted:(Y/N) NA

Date Extracted: 12/19/15

GPC Cleanup (Y/N): N pH: NA

Date Analyzed: 12/19/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 15

ug/Kg

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

15SB8 0-2

Client: EBC

SAS No.:

SDG No.: GBK41633

Lab Sample ID: BK41647

Lab File ID: 1218_56.D

Date Received: 12/18/15

Date Extracted: 12/19/15

Date Analyzed: 12/19/2015

Dilution Factor 1

CONCENTRATION UNITS:

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41633

Matrix:(soil/water) SOIL

Lab Sample ID: BK41648

Sample wt/vol: 15.43 (g/mL) g

Lab File ID: 1218_53.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec. 25 decanted:(Y/N) NA

Date Extracted: 12/19/15

GPC Cleanup (Y/N): N pH: NA

Date Analyzed: 12/19/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 15

ug/Kg

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41633

Matrix:(soil/water) SOIL

Lab Sample ID: BK41649

Sample wt/vol: 15.44 (g/mL) g

Lab File ID: 1221_10.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec. 31 decanted:(Y/N) NA

Date Extracted: 12/21/15

GPC Cleanup (Y/N): N pH: NA

Date Analyzed: 12/21/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 4

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

15SB9 0-2

Client: EBC

SAS No.:

SDG No.: GBK41633

Lab Sample ID: BK41650

Lab File ID: 1218_54.D

Date Received: 12/18/15

Date Extracted: 12/19/15

Date Analyzed: 12/19/2015

Dilution Factor 1

CONCENTRATION UNITS:

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41633

Matrix:(soil/water) SOIL

Lab Sample ID: BK41651

Sample wt/vol: 15.09 (g/mL) g

Lab File ID: 1218_57.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec. 18 decanted:(Y/N) NA

Date Extracted: 12/19/15

GPC Cleanup (Y/N): N pH: NA

Date Analyzed: 12/19/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 15

(ug/L or ug/KG) ug/Kg

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41633

Matrix:(soil/water) SOIL

Lab Sample ID: BK41653

Sample wt/vol: 15.31 (g/mL) g

Lab File ID: 1221_30.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec. 32 decanted:(Y/N) NA

Date Extracted: 12/21/15

GPC Cleanup (Y/N): N pH: NA

Date Analyzed: 12/21/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 15

ug/Kg

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK41633

Matrix:(soil/water) SOIL

Lab Sample ID: BK41654

Sample wt/vol: 15.2 (g/mL) g

Lab File ID: 1221_11.D

Level: (low/med) Low

Date Received: 12/18/15

% Moisture: not dec. 48 decanted:(Y/N) NA

Date Extracted: 12/21/15

GPC Cleanup (Y/N): N pH: NA

Date Analyzed: 12/21/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 15

(ug/L or ug/KG) ug/Kg

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.



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QA/QC Report

January 20, 2016

QA/QC Data

SDG I.D.: GBK41633

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 330102 (mg/kg), QC Sample No: BK41633 (BK41633, BK41635, BK41636, BK41638, BK41639, BK41641, BK41642, BK41643, BK41644, BK41646, BK41647, BK41649, BK41650, BK41652, BK41654)

ICP Metals - Soil

Aluminum	BRL	5.0	8420	8330	1.10	95.1	98.0	3.0	NC	NC	NC	80 - 120	30
Antimony	BRL	3.3	2.0	<3.8	NC	96.0	97.8	1.9	96.2	92.6	3.8	70 - 130	30
Arsenic	BRL	0.67	8.7	16.8	63.5	101	106	4.8	101	98.5	2.5	80 - 120	30
Barium	BRL	0.33	303	265	13.4	98.5	104	5.4	>130	67.7	NC	80 - 120	30
Beryllium	BRL	0.27	0.43	0.47	NC	98.4	102	3.6	104	100	3.9	80 - 120	30
Cadmium	BRL	0.33	1.56	1.40	NC	95.8	102	6.3	99.8	95.9	4.0	80 - 120	30
Calcium	BRL	5.0	49300	52000	5.30	103	112	8.4	NC	NC	NC	80 - 120	30
Chromium	BRL	0.33	23.7	25.5	7.30	98.5	102	3.5	105	101	3.9	80 - 120	30
Cobalt	BRL	0.33	7.3	6.6	10.1	99.0	100	1.0	101	98.5	2.5	80 - 120	30
Copper	BRL	0.33	97.9	105	7.00	103	108	4.7	105	99.5	5.4	80 - 120	30
Iron	BRL	5.0	16900	15200	10.6	99.2	101	1.8	NC	NC	NC	80 - 120	30
Lead	BRL	0.33	776	841	8.00	100	101	1.0	>130	>130	NC	80 - 120	30
Magnesium	BRL	5.0	3120	3110	0.30	93.5	94.2	0.7	NC	NC	NC	80 - 120	30
Manganese	BRL	0.33	285	265	7.30	99.1	101	1.9	109	100	8.6	80 - 120	30
Nickel	BRL	0.33	16.6	15.3	8.20	98.8	100	1.2	101	100	1.0	80 - 120	30
Potassium	BRL	5.0	1870	2050	9.20	94.9	96.3	1.5	>130	>130	NC	80 - 120	30
Selenium	BRL	1.3	<1.6	1.7	NC	106	112	5.5	102	99.3	2.7	80 - 120	30
Silver	BRL	0.33	<0.41	<0.38	NC	96.5	101	4.6	103	100	3.0	70 - 130	30
Sodium	BRL	5.0	931	1010	8.10	90.4	86.9	3.9	>130	>130	NC	80 - 120	30
Thallium	BRL	3.0	<1.6	<3.4	NC	103	107	3.8	97.7	95.8	2.0	80 - 120	30
Vanadium	BRL	0.33	23.5	22.9	2.60	89.2	92.3	3.4	102	101	1.0	80 - 120	30
Zinc	BRL	0.33	300	304	1.30	99.1	102	2.9	95.7	97.1	1.5	80 - 120	30

QA/QC Batch 330188 (mg/kg), QC Sample No: BK41633 (BK41633, BK41635, BK41636, BK41638, BK41639, BK41641, BK41642, BK41643, BK41644, BK41646, BK41647, BK41649, BK41650, BK41652, BK41654)

Mercury - Soil	BRL	0.06	1.00	0.91	9.40	115	111	3.5	>125	<30	NC	75 - 125	30

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.



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Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

January 20, 2016

QA/QC Data

SDG I.D.: GBK41633

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 330468 (ug/kg), QC Sample No: BK39023 (BK41639 (1X, 50X) , BK41640 (200X) , BK41648 (1000X, 2000X) , BK41649 (50X) , BK41651 (50X) , BK41652 (50X) , BK41654 (50X))										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	5.0	94	101	7.2	110	105	4.7	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	91	97	6.4	107	104	2.8	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	99	108	8.7	117	112	4.4	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	92	98	6.3	105	102	2.9	70 - 130	30
1,1-Dichloroethane	ND	5.0	91	97	6.4	105	102	2.9	70 - 130	30
1,1-Dichloroethene	ND	5.0	92	96	4.3	91	92	1.1	70 - 130	30
1,1-Dichloropropene	ND	5.0	95	103	8.1	114	111	2.7	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	79	92	15.2	110	104	5.6	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	96	107	10.8	113	110	2.7	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	75	87	14.8	113	104	8.3	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	88	100	12.8	112	107	4.6	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	93	104	11.2	109	109	0.0	70 - 130	30
1,2-Dibromoethane	ND	5.0	96	104	8.0	113	107	5.5	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	86	97	12.0	111	108	2.7	70 - 130	30
1,2-Dichloroethane	ND	5.0	94	102	8.2	108	104	3.8	70 - 130	30
1,2-Dichloropropane	ND	5.0	90	99	9.5	106	104	1.9	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	90	103	13.5	113	108	4.5	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	83	95	13.5	110	104	5.6	70 - 130	30
1,3-Dichloropropane	ND	5.0	95	102	7.1	112	106	5.5	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	82	95	14.7	113	104	8.3	70 - 130	30
1,4-dioxane	ND	100	85	99	15.2	99	114	14.1	70 - 130	30
2,2-Dichloropropane	ND	5.0	86	89	3.4	102	96	6.1	70 - 130	30
2-Chlorotoluene	ND	5.0	92	103	11.3	115	108	6.3	70 - 130	30
2-Hexanone	ND	25	89	92	3.3	97	90	7.5	70 - 130	30
2-Isopropyltoluene	ND	5.0	92	105	13.2	115	111	3.5	70 - 130	30
4-Chlorotoluene	ND	5.0	85	98	14.2	109	105	3.7	70 - 130	30
4-Methyl-2-pentanone	ND	25	93	97	4.2	97	93	4.2	70 - 130	30
Acetone	ND	10	74	73	1.4	73	70	4.2	70 - 130	30
Acrolein	ND	25	100	99	1.0	102	96	6.1	70 - 130	30
Acrylonitrile	ND	5.0	96	98	2.1	100	97	3.0	70 - 130	30
Benzene	ND	1.0	94	101	7.2	112	109	2.7	70 - 130	30
Bromobenzene	ND	5.0	92	105	13.2	111	107	3.7	70 - 130	30
Bromochloromethane	ND	5.0	93	99	6.3	108	103	4.7	70 - 130	30
Bromodichloromethane	ND	5.0	95	104	9.0	106	105	0.9	70 - 130	30
Bromoform	ND	5.0	103	108	4.7	106	101	4.8	70 - 130	30
Bromomethane	ND	5.0	84	93	10.2	66	67	1.5	70 - 130	30 m
Carbon Disulfide	ND	5.0	91	95	4.3	91	88	3.4	70 - 130	30
Carbon tetrachloride	ND	5.0	93	99	6.3	102	102	0.0	70 - 130	30
Chlorobenzene	ND	5.0	89	97	8.6	111	105	5.6	70 - 130	30
Chloroethane	ND	5.0	87	97	10.9	36	34	5.7	70 - 130	30 m

QA/QC Data

SDG I.D.: GBK41633

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chloroform	ND	5.0	91	95	4.3	103	100	3.0	70 - 130	30
Chloromethane	ND	5.0	95	98	3.1	103	103	0.0	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	92	98	6.3	107	102	4.8	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	87	96	9.8	103	99	4.0	70 - 130	30
Dibromochloromethane	ND	3.0	101	109	7.6	111	107	3.7	70 - 130	30
Dibromomethane	ND	5.0	93	102	9.2	106	103	2.9	70 - 130	30
Dichlorodifluoromethane	ND	5.0	105	110	4.7	113	110	2.7	70 - 130	30
Ethylbenzene	ND	1.0	89	98	9.6	114	108	5.4	70 - 130	30
Hexachlorobutadiene	ND	5.0	83	95	13.5	115	105	9.1	70 - 130	30
Isopropylbenzene	ND	1.0	92	105	13.2	113	108	4.5	70 - 130	30
m&p-Xylene	ND	2.0	89	97	8.6	113	107	5.5	70 - 130	30
Methyl ethyl ketone	ND	5.0	86	89	3.4	93	89	4.4	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	95	99	4.1	105	103	1.9	70 - 130	30
Methylene chloride	ND	5.0	86	91	5.6	96	95	1.0	70 - 130	30
Naphthalene	ND	5.0	94	107	12.9	119	117	1.7	70 - 130	30
n-Butylbenzene	ND	1.0	82	95	14.7	112	105	6.5	70 - 130	30
n-Propylbenzene	ND	1.0	87	99	12.9	109	104	4.7	70 - 130	30
o-Xylene	ND	2.0	89	98	9.6	112	105	6.5	70 - 130	30
p-Isopropyltoluene	ND	1.0	90	101	11.5	115	109	5.4	70 - 130	30
sec-Butylbenzene	ND	1.0	93	106	13.1	116	112	3.5	70 - 130	30
Styrene	ND	5.0	89	99	10.6	114	107	6.3	70 - 130	30
tert-butyl alcohol	ND	100	107	117	8.9	113	125	10.1	70 - 130	30
tert-Butylbenzene	ND	1.0	92	104	12.2	113	108	4.5	70 - 130	30
Tetrachloroethene	ND	5.0	85	94	10.1	109	107	1.9	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	94	94	0.0	100	96	4.1	70 - 130	30
Toluene	ND	1.0	89	98	9.6	108	105	2.8	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	91	96	5.3	108	105	2.8	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	88	98	10.8	103	99	4.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	94	101	7.2	109	106	2.8	70 - 130	30
Trichloroethene	ND	5.0	94	100	6.2	111	107	3.7	70 - 130	30
Trichlorofluoromethane	ND	5.0	90	96	6.5	21	20	4.9	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	86	94	8.9	91	92	1.1	70 - 130	30
Vinyl chloride	ND	5.0	93	96	3.2	109	107	1.9	70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	101	100	1.0	103	104	1.0	70 - 130	30
% Bromofluorobenzene	97	%	100	98	2.0	100	98	2.0	70 - 130	30
% Dibromofluoromethane	100	%	102	102	0.0	94	95	1.1	70 - 130	30
% Toluene-d8	98	%	100	100	0.0	99	99	0.0	70 - 130	30

QA/QC Batch 330574 (ug/kg), QC Sample No: BK40702 (BK41649, BK41651, BK41652, BK41653 (50X) , BK41654)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	5.0	111	107	3.7	94	96	2.1	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	110	104	5.6	95	96	1.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	121	109	10.4	102	101	1.0	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	107	102	4.8	99	98	1.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	110	101	8.5	93	95	2.1	70 - 130	30
1,1-Dichloroethene	ND	5.0	110	103	6.6	95	98	3.1	70 - 130	30
1,1-Dichloropropene	ND	5.0	108	108	0.0	105	104	1.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	106	107	0.9	96	97	1.0	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	116	105	10.0	100	99	1.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	103	110	6.6	97	98	1.0	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	109	110	0.9	102	103	1.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	118	104	12.6	96	102	6.1	70 - 130	30
1,2-Dibromoethane	ND	5.0	114	105	8.2	102	101	1.0	70 - 130	30

QA/QC Data

SDG I.D.: GBK41633

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dichlorobenzene	ND	5.0	105	105	0.0	97	97	0.0	70 - 130	30
1,2-Dichloroethane	ND	5.0	109	103	5.7	98	97	1.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	104	101	2.9	99	97	2.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	110	110	0.0	103	103	0.0	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	107	106	0.9	100	99	1.0	70 - 130	30
1,3-Dichloropropane	ND	5.0	112	105	6.5	98	99	1.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	106	105	0.9	99	100	1.0	70 - 130	30
1,4-dioxane	ND	100	113	103	9.3	118	96	20.6	70 - 130	30
2,2-Dichloropropane	ND	5.0	107	104	2.8	88	92	4.4	70 - 130	30
2-Chlorotoluene	ND	5.0	110	111	0.9	104	104	0.0	70 - 130	30
2-Hexanone	ND	25	109	91	18.0	92	94	2.2	70 - 130	30
2-Isopropyltoluene	ND	5.0	113	112	0.9	105	104	1.0	70 - 130	30
4-Chlorotoluene	ND	5.0	106	107	0.9	100	100	0.0	70 - 130	30
4-Methyl-2-pentanone	ND	25	111	96	14.5	95	96	1.0	70 - 130	30
Acetone	ND	10	93	75	21.4	93	95	2.1	70 - 130	30
Acrolein	ND	25	124	108	13.8	97	95	2.1	70 - 130	30
Acrylonitrile	ND	5.0	116	96	18.9	92	93	1.1	70 - 130	30
Benzene	ND	1.0	108	105	2.8	100	101	1.0	70 - 130	30
Bromobenzene	ND	5.0	111	108	2.7	102	103	1.0	70 - 130	30
Bromochloromethane	ND	5.0	112	103	8.4	98	99	1.0	70 - 130	30
Bromodichloromethane	ND	5.0	110	108	1.8	96	98	2.1	70 - 130	30
Bromoform	ND	5.0	120	113	6.0	84	88	4.7	70 - 130	30
Bromomethane	ND	5.0	95	95	0.0	84	89	5.8	70 - 130	30
Carbon Disulfide	ND	5.0	109	103	5.7	96	97	1.0	70 - 130	30
Carbon tetrachloride	ND	5.0	109	105	3.7	86	90	4.5	70 - 130	30
Chlorobenzene	ND	5.0	107	105	1.9	97	99	2.0	70 - 130	30
Chloroethane	ND	5.0	107	101	5.8	88	93	5.5	70 - 130	30
Chloroform	ND	5.0	106	100	5.8	93	95	2.1	70 - 130	30
Chloromethane	ND	5.0	107	102	4.8	92	94	2.2	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	109	102	6.6	97	98	1.0	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	105	102	2.9	96	94	2.1	70 - 130	30
Dibromochloromethane	ND	3.0	118	111	6.1	92	94	2.2	70 - 130	30
Dibromomethane	ND	5.0	109	104	4.7	96	98	2.1	70 - 130	30
Dichlorodifluoromethane	ND	5.0	110	111	0.9	99	99	0.0	70 - 130	30
Ethylbenzene	ND	1.0	108	105	2.8	100	100	0.0	70 - 130	30
Hexachlorobutadiene	ND	5.0	105	108	2.8	99	101	2.0	70 - 130	30
Isopropylbenzene	ND	1.0	111	111	0.0	104	104	0.0	70 - 130	30
m&p-Xylene	ND	2.0	107	106	0.9	99	101	2.0	70 - 130	30
Methyl ethyl ketone	ND	5.0	106	90	16.3	86	88	2.3	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	115	104	10.0	99	100	1.0	70 - 130	30
Methylene chloride	ND	5.0	103	95	8.1	118	105	11.7	70 - 130	30
Naphthalene	ND	5.0	120	114	5.1	106	107	0.9	70 - 130	30
n-Butylbenzene	ND	1.0	107	110	2.8	101	101	0.0	70 - 130	30
n-Propylbenzene	ND	1.0	107	107	0.0	99	102	3.0	70 - 130	30
o-Xylene	ND	2.0	109	106	2.8	100	100	0.0	70 - 130	30
p-Isopropyltoluene	ND	1.0	109	111	1.8	104	104	0.0	70 - 130	30
sec-Butylbenzene	ND	1.0	114	112	1.8	106	106	0.0	70 - 130	30
Styrene	ND	5.0	109	107	1.9	101	103	2.0	70 - 130	30
tert-butyl alcohol	ND	100	134	118	12.7	132	112	16.4	70 - 130	30
tert-Butylbenzene	ND	1.0	112	108	3.6	104	103	1.0	70 - 130	30
Tetrachloroethene	ND	5.0	102	104	1.9	101	100	1.0	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	117	96	19.7	94	97	3.1	70 - 130	30
Toluene	ND	1.0	105	105	0.0	100	100	0.0	70 - 130	30

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QA/QC Data

SDG I.D.: GBK41633

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
trans-1,2-Dichloroethene	ND	5.0	107	105	1.9	97	98	1.0	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	109	104	4.7	97	98	1.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	125	112	11.0	97	97	0.0	70 - 130	30
Trichloroethene	ND	5.0	106	105	0.9	101	101	0.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	107	102	4.8	91	94	3.2	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	104	102	1.9	93	94	1.1	70 - 130	30
Vinyl chloride	ND	5.0	105	100	4.9	93	96	3.2	70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	101	99	2.0	101	99	2.0	70 - 130	30
% Bromofluorobenzene	97	%	99	100	1.0	99	98	1.0	70 - 130	30
% Dibromofluoromethane	96	%	102	101	1.0	98	101	3.0	70 - 130	30
% Toluene-d8	100	%	98	99	1.0	100	100	0.0	70 - 130	30

QA/QC Batch 330088 (ug/Kg), QC Sample No: BK41633 2X (BK41633, BK41635, BK41636, BK41638, BK41639, BK41641, BK41642, BK41643, BK41644, BK41646, BK41647, BK41649, BK41650, BK41652, BK41654)

Pesticides - Soil

4,4' -DDD	ND	1.7	91	73	22.0	62	56	10.2	30 - 150	30
4,4' -DDE	ND	1.7	88	74	17.3	70	66	5.9	40 - 140	30
4,4' -DDT	ND	1.7	92	74	21.7	107	88	19.5	30 - 150	30
a-BHC	ND	1.0	87	71	20.3	53	61	14.0	30 - 150	30
a-Chlordane	ND	3.3	90	74	19.5	71	69	2.9	30 - 150	30
Aldrin	ND	1.0	87	71	20.3	57	60	5.1	40 - 140	30
b-BHC	ND	1.0	83	70	17.0	54	63	15.4	30 - 150	30
Chlordane	ND	3.3	84	69	19.6	61	61	0.0	30 - 150	30
d-BHC	ND	3.3	68	56	19.4	41	47	13.6	30 - 150	30
Dieldrin	ND	1.0	87	71	20.3	60	58	3.4	40 - 140	30
Endosulfan I	ND	3.3	90	72	22.2	61	62	1.6	30 - 150	30
Endosulfan II	ND	3.3	90	74	19.5	60	60	0.0	30 - 150	30
Endosulfan sulfate	ND	3.3	83	67	21.3	55	55	0.0	40 - 140	30
Endrin	ND	3.3	89	73	19.8	64	63	1.6	40 - 140	30
Endrin aldehyde	ND	3.3	87	70	21.7	69	60	14.0	30 - 150	30
Endrin ketone	ND	3.3	91	74	20.6	67	63	6.2	30 - 150	30
g-BHC	ND	1.0	88	72	20.0	53	61	14.0	40 - 140	30
g-Chlordane	ND	3.3	84	69	19.6	61	61	0.0	40 - 140	30
Heptachlor	ND	3.3	90	74	19.5	58	75	25.6	40 - 140	30
Heptachlor epoxide	ND	3.3	89	75	17.1	64	64	0.0	30 - 150	30
Methoxychlor	ND	3.3	92	73	23.0	63	62	1.6	30 - 150	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	30 - 150	30
% DCBP	83	%	83	68	19.9	66	61	7.9	30 - 150	30
% TCMX	67	%	69	63	9.1	55	60	8.7	30 - 150	30

QA/QC Batch 330091 (ug/Kg), QC Sample No: BK41633 2X (BK41633, BK41635, BK41636, BK41638, BK41639, BK41641, BK41642, BK41643, BK41644, BK41646, BK41647, BK41649, BK41650, BK41652, BK41654)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	87	86	1.2	83	88	5.8	30 - 120	30
PCB-1221	ND	33							30 - 150	30
PCB-1232	ND	33							30 - 150	30
PCB-1242	ND	33							30 - 150	30
PCB-1248	ND	33							30 - 150	30
PCB-1254	ND	33							30 - 150	30
PCB-1260	ND	33	102	100	2.0	90	96	6.5	30 - 150	30
PCB-1262	ND	33							30 - 150	30
PCB-1268	ND	33							30 - 150	30
% DCBP (Surrogate Rec)	83	%	124	120	3.3	107	113	5.5	30 - 150	20
% TCMX (Surrogate Rec)	70	%	98	98	0.0	89	92	3.3	30 - 150	20

QA/QC Data

SDG I.D.: GBK41633

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 330334 (ug/kg), QC Sample No: BK41633 (BK41633 (50X) , BK41634 (500X, 1000X) , BK41635, BK41636 (1X, 50X) , BK41637 (1000X) , BK41638 (1X, 50X))										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	5.0	103	105	1.9	89	101	12.6	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	99	102	3.0	86	100	15.1	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	109	112	2.7	96	110	13.6	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	99	101	2.0	87	100	13.9	70 - 130	30
1,1-Dichloroethane	ND	5.0	96	100	4.1	84	97	14.4	70 - 130	30
1,1-Dichloroethene	ND	5.0	96	102	6.1	74	86	15.0	70 - 130	30
1,1-Dichloropropene	ND	5.0	103	107	3.8	91	108	17.1	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	109	110	0.9	88	101	13.8	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	107	110	2.8	92	106	14.1	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	113	111	1.8	90	102	12.5	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	107	109	1.9	90	106	16.3	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	102	107	4.8	92	109	16.9	70 - 130	30
1,2-Dibromoethane	ND	5.0	104	105	1.0	92	105	13.2	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	103	105	1.9	90	105	15.4	70 - 130	30
1,2-Dichloroethane	ND	5.0	100	103	3.0	88	102	14.7	70 - 130	30
1,2-Dichloropropane	ND	5.0	99	103	4.0	87	101	14.9	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	107	109	1.9	91	105	14.3	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	105	107	1.9	88	103	15.7	70 - 130	30
1,3-Dichloropropane	ND	5.0	103	102	1.0	92	102	10.3	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	106	106	0.0	88	103	15.7	70 - 130	30
1,4-dioxane	ND	100	95	98	3.1	105	99	5.9	70 - 130	30
2,2-Dichloropropane	ND	5.0	99	102	3.0	81	88	8.3	70 - 130	30
2-Chlorotoluene	ND	5.0	107	107	0.0	92	104	12.2	70 - 130	30
2-Hexanone	ND	25	94	97	3.1	80	92	14.0	70 - 130	30
2-Isopropyltoluene	ND	5.0	107	110	2.8	92	108	16.0	70 - 130	30
4-Chlorotoluene	ND	5.0	105	107	1.9	88	103	15.7	70 - 130	30
4-Methyl-2-pentanone	ND	25	98	101	3.0	80	95	17.1	70 - 130	30
Acetone	ND	10	75	83	10.1	62	74	17.6	70 - 130	30
Acrolein	ND	25	105	110	4.7	81	93	13.8	70 - 130	30
Acrylonitrile	ND	5.0	98	99	1.0	82	95	14.7	70 - 130	30
Benzene	ND	1.0	100	104	3.9	91	106	15.2	70 - 130	30
Bromobenzene	ND	5.0	107	110	2.8	91	104	13.3	70 - 130	30
Bromochloromethane	ND	5.0	100	103	3.0	87	100	13.9	70 - 130	30
Bromodichloromethane	ND	5.0	104	107	2.8	86	100	15.1	70 - 130	30
Bromoform	ND	5.0	112	114	1.8	88	102	14.7	70 - 130	30
Bromomethane	ND	5.0	87	92	5.6	53	63	17.2	70 - 130	30
Carbon Disulfide	ND	5.0	95	99	4.1	71	81	13.2	70 - 130	30
Carbon tetrachloride	ND	5.0	101	104	2.9	83	97	15.6	70 - 130	30
Chlorobenzene	ND	5.0	101	103	2.0	90	102	12.5	70 - 130	30
Chloroethane	ND	5.0	97	100	3.0	28	33	16.4	70 - 130	30
Chloroform	ND	5.0	97	99	2.0	85	96	12.2	70 - 130	30
Chloromethane	ND	5.0	97	101	4.0	85	97	13.2	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	99	103	4.0	86	99	14.1	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	98	101	3.0	83	96	14.5	70 - 130	30
Dibromochloromethane	ND	3.0	111	113	1.8	89	104	15.5	70 - 130	30
Dibromomethane	ND	5.0	99	102	3.0	87	99	12.9	70 - 130	30
Dichlorodifluoromethane	ND	5.0	102	106	3.8	91	106	15.2	70 - 130	30
Ethylbenzene	ND	1.0	102	104	1.9	92	105	13.2	70 - 130	30
Hexachlorobutadiene	ND	5.0	109	112	2.7	89	106	17.4	70 - 130	30

QA/QC Data

SDG I.D.: GBK41633

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Isopropylbenzene	ND	1.0	105	109	3.7	91	106	15.2	70 - 130	30
m&p-Xylene	ND	2.0	103	105	1.9	92	103	11.3	70 - 130	30
Methyl ethyl ketone	ND	5.0	88	93	5.5	75	89	17.1	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	100	103	3.0	88	99	11.8	70 - 130	30
Methylene chloride	ND	5.0	89	93	4.4	77	89	14.5	70 - 130	30
Naphthalene	ND	5.0	117	121	3.4	98	116	16.8	70 - 130	30
n-Butylbenzene	ND	1.0	108	110	1.8	90	104	14.4	70 - 130	30
n-Propylbenzene	ND	1.0	104	107	2.8	88	102	14.7	70 - 130	30
o-Xylene	ND	2.0	102	104	1.9	94	107	12.9	70 - 130	30
p-Isopropyltoluene	ND	1.0	109	111	1.8	91	107	16.2	70 - 130	30
sec-Butylbenzene	ND	1.0	109	112	2.7	93	109	15.8	70 - 130	30
Styrene	ND	5.0	105	105	0.0	94	105	11.1	70 - 130	30
tert-butyl alcohol	ND	100	115	119	3.4	117	110	6.2	70 - 130	30
tert-Butylbenzene	ND	1.0	105	108	2.8	91	105	14.3	70 - 130	30
Tetrachloroethene	ND	5.0	101	103	2.0	88	102	14.7	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	98	101	3.0	83	96	14.5	70 - 130	30
Toluene	ND	1.0	99	103	4.0	88	102	14.7	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	98	102	4.0	85	99	15.2	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	101	104	2.9	84	98	15.4	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	113	115	1.8	86	102	17.0	70 - 130	30
Trichloroethene	ND	5.0	100	103	3.0	86	105	19.9	70 - 130	30
Trichlorofluoromethane	ND	5.0	94	98	4.2	16	18	11.8	70 - 130	30 m
Trichlorotrifluoroethane	ND	5.0	94	96	2.1	75	85	12.5	70 - 130	30
Vinyl chloride	ND	5.0	95	97	2.1	88	101	13.8	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	103	103	0.0	101	103	2.0	70 - 130	30
% Bromofluorobenzene	97	%	99	99	0.0	101	99	2.0	70 - 130	30
% Dibromofluoromethane	96	%	99	100	1.0	97	93	4.2	70 - 130	30
% Toluene-d8	99	%	100	99	1.0	99	101	2.0	70 - 130	30

QA/QC Batch 330086 (ug/Kg), QC Sample No: BK41633 (BK41633, BK41634, BK41635, BK41636, BK41637, BK41638, BK41639, BK41640, BK41641, BK41642, BK41643, BK41644, BK41645, BK41646, BK41647, BK41648, BK41649, BK41650, BK41651, BK41652)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	58	63	8.3	70	68	2.9	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	54	59	8.8	67	66	1.5	30 - 130	30
1,2-Dichlorobenzene	ND	180	53	59	10.7	64	69	7.5	30 - 130	30
1,2-Diphenylhydrazine	ND	230	66	71	7.3	74	73	1.4	30 - 130	30
1,3-Dichlorobenzene	ND	230	48	54	11.8	57	62	8.4	30 - 130	30
1,4-Dichlorobenzene	ND	230	45	54	18.2	58	61	5.0	30 - 130	30
2,4,5-Trichlorophenol	ND	230	68	73	7.1	75	68	9.8	30 - 130	30
2,4,6-Trichlorophenol	ND	130	66	71	7.3	72	64	11.8	30 - 130	30
2,4-Dichlorophenol	ND	130	62	70	12.1	70	67	4.4	30 - 130	30
2,4-Dimethylphenol	ND	230	57	66	14.6	54	48	11.8	30 - 130	30
2,4-Dinitrophenol	ND	230	13	<10	NC	61	56	8.5	30 - 130	30 i
2,4-Dinitrotoluene	ND	130	68	75	9.8	81	80	1.2	30 - 130	30
2,6-Dinitrotoluene	ND	130	70	75	6.9	84	80	4.9	30 - 130	30
2-Chloronaphthalene	ND	230	60	66	9.5	71	72	1.4	30 - 130	30
2-Chlorophenol	ND	230	60	65	8.0	69	67	2.9	30 - 130	30
2-Methylnaphthalene	ND	230	62	67	7.8	77	73	5.3	30 - 130	30
2-Methylphenol (o-cresol)	ND	230	59	66	11.2	64	65	1.6	30 - 130	30
2-Nitroaniline	ND	330	61	67	9.4	71	71	0.0	30 - 130	30
2-Nitrophenol	ND	230	60	60	0.0	68	58	15.9	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	67	69	2.9	71	69	2.9	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	66	81	20.4	73	65	11.6	30 - 130	30

QA/QC Data

SDG I.D.: GBK41633

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
3-Nitroaniline	ND	330	68	74	8.5	77	75	2.6	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	31	18	53.1	71	64	10.4	30 - 130	30	I,r
4-Bromophenyl phenyl ether	ND	230	65	70	7.4	81	77	5.1	30 - 130	30	
4-Chloro-3-methylphenol	ND	230	72	80	10.5	81	77	5.1	30 - 130	30	
4-Chloroaniline	ND	230	59	67	12.7	66	66	0.0	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	61	68	10.9	75	75	0.0	30 - 130	30	
4-Nitroaniline	ND	230	71	76	6.8	81	81	0.0	30 - 130	30	
4-Nitrophenol	ND	230	70	79	12.1	81	69	16.0	30 - 130	30	
Acenaphthene	ND	230	65	70	7.4	76	77	1.3	30 - 130	30	
Acenaphthylene	ND	130	62	69	10.7	74	73	1.4	30 - 130	30	
Acetophenone	ND	230	62	65	4.7	72	76	5.4	30 - 130	30	
Aniline	ND	330	49	56	13.3	57	58	1.7	30 - 130	30	
Anthracene	ND	230	70	74	5.6	81	77	5.1	30 - 130	30	
Benz(a)anthracene	ND	230	67	77	13.9	76	76	0.0	30 - 130	30	
Benzidine	ND	330	32	57	56.2	31	<10	NC	30 - 130	30	m,r
Benzo(a)pyrene	ND	130	66	73	10.1	69	70	1.4	30 - 130	30	
Benzo(b)fluoranthene	ND	160	66	77	15.4	76	79	3.9	30 - 130	30	
Benzo(ghi)perylene	ND	230	61	71	15.2	66	64	3.1	30 - 130	30	
Benzo(k)fluoranthene	ND	230	68	75	9.8	75	77	2.6	30 - 130	30	
Benzoic Acid	ND	330	<10	<10	NC	17	11	42.9	30 - 130	30	I,m,r
Benzyl butyl phthalate	ND	230	72	82	13.0	87	82	5.9	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	62	68	9.2	75	73	2.7	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	49	57	15.1	62	65	4.7	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	54	59	8.8	67	68	1.5	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	73	81	10.4	84	88	4.7	30 - 130	30	
Carbazole	ND	330	70	74	5.6	78	76	2.6	30 - 130	30	
Chrysene	ND	230	71	80	11.9	82	81	1.2	30 - 130	30	
Dibenz(a,h)anthracene	ND	130	63	72	13.3	70	70	0.0	30 - 130	30	
Dibenzofuran	ND	230	63	69	9.1	75	76	1.3	30 - 130	30	
Diethyl phthalate	ND	230	67	74	9.9	80	77	3.8	30 - 130	30	
Dimethylphthalate	ND	230	65	71	8.8	77	75	2.6	30 - 130	30	
Di-n-butylphthalate	ND	230	73	77	5.3	78	75	3.9	30 - 130	30	
Di-n-octylphthalate	ND	230	75	84	11.3	88	79	10.8	30 - 130	30	
Fluoranthene	ND	230	68	74	8.5	75	74	1.3	30 - 130	30	
Fluorene	ND	230	65	72	10.2	79	79	0.0	30 - 130	30	
Hexachlorobenzene	ND	130	65	70	7.4	75	73	2.7	30 - 130	30	
Hexachlorobutadiene	ND	230	51	57	11.1	63	64	1.6	30 - 130	30	
Hexachlorocyclopentadiene	ND	230	55	63	13.6	65	49	28.1	30 - 130	30	
Hexachloroethane	ND	130	53	57	7.3	59	69	15.6	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	64	72	11.8	68	66	3.0	30 - 130	30	
Isophorone	ND	130	60	67	11.0	73	69	5.6	30 - 130	30	
Naphthalene	ND	230	57	62	8.4	69	69	0.0	30 - 130	30	
Nitrobenzene	ND	130	65	68	4.5	78	78	0.0	30 - 130	30	
N-Nitrosodimethylamine	ND	230	30	34	12.5	42	42	0.0	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	130	67	70	4.4	82	81	1.2	30 - 130	30	
N-Nitrosodiphenylamine	ND	130	68	73	7.1	79	78	1.3	30 - 130	30	
Pentachloronitrobenzene	ND	230	62	65	4.7	71	70	1.4	30 - 130	30	
Pentachlorophenol	ND	230	46	31	39.0	66	57	14.6	30 - 130	30	r
Phenanthrene	ND	130	70	73	4.2	79	82	3.7	30 - 130	30	
Phenol	ND	230	59	64	8.1	67	68	1.5	30 - 130	30	
Pyrene	ND	230	69	75	8.3	74	75	1.3	30 - 130	30	
Pyridine	ND	230	21	25	17.4	31	33	6.3	30 - 130	30	I
% 2,4,6-Tribromophenol	57	%	67	70	4.4	70	65	7.4	30 - 130	30	

QA/QC Data

SDG I.D.: GBK41633

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 2-Fluorobiphenyl	58	%	59	63	6.6	69	70	1.4	30 - 130	30
% 2-Fluorophenol	37	%	43	50	15.1	49	44	10.8	30 - 130	30
% Nitrobenzene-d5	69	%	67	71	5.8	78	80	2.5	30 - 130	30
% Phenol-d5	53	%	60	65	8.0	66	66	0.0	30 - 130	30
% Terphenyl-d14	63	%	66	70	5.9	72	67	7.2	30 - 130	30

QA/QC Batch 330457 (ug/kg), QC Sample No: BK41646 (BK41641, BK41642 (1X, 50X) , BK41643 (1X, 50X) , BK41644 (1X, 50X) , BK41645 (1000X, 2000X) , BK41646 (50X) , BK41647 (1X, 50X) , BK41650 (50X))

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	5.0	108	111	2.7	91	103	12.4	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	100	102	2.0	89	102	13.6	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	115	115	0.0	96	110	13.6	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	103	106	2.9	90	99	9.5	70 - 130	30	
1,1-Dichloroethane	ND	5.0	99	102	3.0	89	100	11.6	70 - 130	30	
1,1-Dichloroethene	ND	5.0	97	102	5.0	80	90	11.8	70 - 130	30	
1,1-Dichloropropene	ND	5.0	106	110	3.7	95	108	12.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	112	113	0.9	94	106	12.0	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	110	110	0.0	94	104	10.1	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	115	118	2.6	92	106	14.1	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	110	111	0.9	94	108	13.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	112	108	3.6	94	109	14.8	70 - 130	30	
1,2-Dibromoethane	ND	5.0	108	109	0.9	95	105	10.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	105	110	4.7	91	105	14.3	70 - 130	30	
1,2-Dichloroethane	ND	5.0	104	108	3.8	92	101	9.3	70 - 130	30	
1,2-Dichloropropane	ND	5.0	102	104	1.9	91	101	10.4	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	110	112	1.8	96	109	12.7	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	109	110	0.9	91	105	14.3	70 - 130	30	
1,3-Dichloropropane	ND	5.0	104	108	3.8	95	103	8.1	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	110	111	0.9	92	106	14.1	70 - 130	30	
1,4-dioxane	ND	100	102	110	7.5	95	106	10.9	70 - 130	30	
2,2-Dichloropropane	ND	5.0	99	106	6.8	84	96	13.3	70 - 130	30	
2-Chlorotoluene	ND	5.0	111	113	1.8	95	110	14.6	70 - 130	30	
2-Hexanone	ND	25	100	100	0.0	82	86	4.8	70 - 130	30	
2-Isopropyltoluene	ND	5.0	112	112	0.0	97	110	12.6	70 - 130	30	
4-Chlorotoluene	ND	5.0	107	111	3.7	92	107	15.1	70 - 130	30	
4-Methyl-2-pentanone	ND	25	104	105	1.0	85	89	4.6	70 - 130	30	
Acetone	ND	10	81	80	1.2	65	69	6.0	70 - 130	30	m
Acrolein	ND	25	111	110	0.9	85	94	10.1	70 - 130	30	
Acrylonitrile	ND	5.0	103	106	2.9	86	91	5.6	70 - 130	30	
Benzene	ND	1.0	104	108	3.8	94	105	11.1	70 - 130	30	
Bromobenzene	ND	5.0	110	112	1.8	93	109	15.8	70 - 130	30	
Bromochloromethane	ND	5.0	103	108	4.7	92	103	11.3	70 - 130	30	
Bromodichloromethane	ND	5.0	109	111	1.8	91	102	11.4	70 - 130	30	
Bromoform	ND	5.0	117	122	4.2	90	101	11.5	70 - 130	30	
Bromomethane	ND	5.0	87	90	3.4	56	67	17.9	70 - 130	30	m
Carbon Disulfide	ND	5.0	95	98	3.1	78	87	10.9	70 - 130	30	
Carbon tetrachloride	ND	5.0	103	106	2.9	86	98	13.0	70 - 130	30	
Chlorobenzene	ND	5.0	103	107	3.8	93	103	10.2	70 - 130	30	
Chloroethane	ND	5.0	96	98	2.1	30	34	12.5	70 - 130	30	m
Chloroform	ND	5.0	99	103	4.0	88	97	9.7	70 - 130	30	
Chloromethane	ND	5.0	94	97	3.1	90	100	10.5	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	105	106	0.9	90	100	10.5	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	104	107	2.8	87	96	9.8	70 - 130	30	

QA/QC Data

SDG I.D.: GBK41633

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Dibromochloromethane	ND	3.0	113	120	6.0	93	105	12.1	70 - 130	30
Dibromomethane	ND	5.0	103	108	4.7	91	98	7.4	70 - 130	30
Dichlorodifluoromethane	ND	5.0	93	99	6.3	100	113	12.2	70 - 130	30
Ethylbenzene	ND	1.0	103	108	4.7	95	105	10.0	70 - 130	30
Hexachlorobutadiene	ND	5.0	112	109	2.7	92	105	13.2	70 - 130	30
Isopropylbenzene	ND	1.0	108	111	2.7	96	110	13.6	70 - 130	30
m&p-Xylene	ND	2.0	104	109	4.7	94	104	10.1	70 - 130	30
Methyl ethyl ketone	ND	5.0	96	97	1.0	78	86	9.8	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	104	106	1.9	90	98	8.5	70 - 130	30
Methylene chloride	ND	5.0	92	97	5.3	80	91	12.9	70 - 130	30
Naphthalene	ND	5.0	121	122	0.8	105	120	13.3	70 - 130	30
n-Butylbenzene	ND	1.0	112	113	0.9	92	106	14.1	70 - 130	30
n-Propylbenzene	ND	1.0	107	110	2.8	92	105	13.2	70 - 130	30
o-Xylene	ND	2.0	104	107	2.8	93	104	11.2	70 - 130	30
p-Isopropyltoluene	ND	1.0	112	113	0.9	96	111	14.5	70 - 130	30
sec-Butylbenzene	ND	1.0	112	113	0.9	97	112	14.4	70 - 130	30
Styrene	ND	5.0	107	110	2.8	93	104	11.2	70 - 130	30
tert-butyl alcohol	ND	100	120	127	5.7	109	111	1.8	70 - 130	30
tert-Butylbenzene	ND	1.0	109	110	0.9	95	109	13.7	70 - 130	30
Tetrachloroethene	ND	5.0	104	107	2.8	93	104	11.2	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	105	103	1.9	85	93	9.0	70 - 130	30
Toluene	ND	1.0	103	108	4.7	92	103	11.3	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	100	103	3.0	90	101	11.5	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	105	110	4.7	88	97	9.7	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	121	121	0.0	89	100	11.6	70 - 130	30
Trichloroethene	ND	5.0	105	108	2.8	93	105	12.1	70 - 130	30
Trichlorofluoromethane	ND	5.0	95	100	5.1	18	20	10.5	70 - 130	30 m
Trichlorotrifluoroethane	ND	5.0	94	96	2.1	78	87	10.9	70 - 130	30
Vinyl chloride	ND	5.0	92	96	4.3	93	104	11.2	70 - 130	30
% 1,2-dichlorobenzene-d4	102	%	101	100	1.0	101	102	1.0	70 - 130	30
% Bromofluorobenzene	97	%	100	99	1.0	100	99	1.0	70 - 130	30
% Dibromofluoromethane	102	%	99	100	1.0	95	96	1.0	70 - 130	30
% Toluene-d8	100	%	99	100	1.0	100	99	1.0	70 - 130	30

QA/QC Batch 330087 (ug/kg), QC Sample No: BK41665 (BK41653, BK41654)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	65	68	4.5	56			30 - 130	30
1,2,4-Trichlorobenzene	ND	230	66	68	3.0	55			30 - 130	30
1,2-Dichlorobenzene	ND	180	62	61	1.6	56			30 - 130	30
1,2-Diphenylhydrazine	ND	230	74	79	6.5	58			30 - 130	30
1,3-Dichlorobenzene	ND	230	60	60	0.0	53			30 - 130	30
1,4-Dichlorobenzene	ND	230	57	56	1.8	50			30 - 130	30
2,4,5-Trichlorophenol	ND	230	71	72	1.4	59			30 - 130	30
2,4,6-Trichlorophenol	ND	130	74	78	5.3	62			30 - 130	30
2,4-Dichlorophenol	ND	130	72	76	5.4	58			30 - 130	30
2,4-Dimethylphenol	ND	230	63	71	11.9	60			30 - 130	30
2,4-Dinitrophenol	ND	230	<10	<10	NC	49			30 - 130	30 l
2,4-Dinitrotoluene	ND	130	78	82	5.0	60			30 - 130	30
2,6-Dinitrotoluene	ND	130	81	85	4.8	64			30 - 130	30
2-Chloronaphthalene	ND	230	71	73	2.8	59			30 - 130	30
2-Chlorophenol	ND	230	70	72	2.8	64			30 - 130	30
2-Methylnaphthalene	ND	230	71	74	4.1	60			30 - 130	30
2-Methylphenol (o-cresol)	ND	230	70	72	2.8	58			30 - 130	30

QA/QC Data

SDG I.D.: GBK41633

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2-Nitroaniline	ND	330	64	70	9.0	54			30 - 130	30	
2-Nitrophenol	ND	230	63	69	9.1	59			30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	78	75	3.9	64			30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	67	72	7.2	65			30 - 130	30	
3-Nitroaniline	ND	330	65	71	8.8	55			30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	27	22	20.4	58			30 - 130	30	I
4-Bromophenyl phenyl ether	ND	230	75	81	7.7	65			30 - 130	30	
4-Chloro-3-methylphenol	ND	230	79	85	7.3	65			30 - 130	30	
4-Chloroaniline	ND	230	55	57	3.6	50			30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	72	77	6.7	59			30 - 130	30	
4-Nitroaniline	ND	230	78	87	10.9	63			30 - 130	30	
4-Nitrophenol	ND	230	77	87	12.2	61			30 - 130	30	
Acenaphthene	ND	230	72	76	5.4	61			30 - 130	30	
Acenaphthylene	ND	130	73	77	5.3	61			30 - 130	30	
Acetophenone	ND	230	66	67	1.5	60			30 - 130	30	
Aniline	ND	330	48	48	0.0	55			30 - 130	30	
Anthracene	ND	230	76	84	10.0	64			30 - 130	30	
Benz(a)anthracene	ND	230	77	84	8.7	65			30 - 130	30	
Benzidine	ND	330	31	48	43.0	17			30 - 130	30	m,r
Benzo(a)pyrene	ND	130	76	82	7.6	63			30 - 130	30	
Benzo(b)fluoranthene	ND	160	79	86	8.5	71			30 - 130	30	
Benzo(ghi)perylene	ND	230	80	82	2.5	59			30 - 130	30	
Benzo(k)fluoranthene	ND	230	82	83	1.2	67			30 - 130	30	
Benzoic Acid	ND	330	<10	<10	NC	24			30 - 130	30	I,m
Benzyl butyl phthalate	ND	230	83	87	4.7	67			30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	71	75	5.5	60			30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	60	64	6.5	53			30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	59	59	0.0	48			30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	83	90	8.1	65			30 - 130	30	
Carbazole	ND	330	79	84	6.1	63			30 - 130	30	
Chrysene	ND	230	83	87	4.7	66			30 - 130	30	
Dibenz(a,h)anthracene	ND	130	80	85	6.1	60			30 - 130	30	
Dibenzofuran	ND	230	72	76	5.4	59			30 - 130	30	
Diethyl phthalate	ND	230	76	82	7.6	60			30 - 130	30	
Dimethylphthalate	ND	230	76	80	5.1	59			30 - 130	30	
Di-n-butylphthalate	ND	230	83	90	8.1	67			30 - 130	30	
Di-n-octylphthalate	ND	230	85	90	5.7	67			30 - 130	30	
Fluoranthene	ND	230	77	84	8.7	64			30 - 130	30	
Fluorene	ND	230	73	80	9.2	63			30 - 130	30	
Hexachlorobenzene	ND	130	74	79	6.5	63			30 - 130	30	
Hexachlorobutadiene	ND	230	60	64	6.5	51			30 - 130	30	
Hexachlorocyclopentadiene	ND	230	57	63	10.0	16			30 - 130	30	m
Hexachloroethane	ND	130	58	53	9.0	46			30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	79	83	4.9	61			30 - 130	30	
Isophorone	ND	130	67	73	8.6	59			30 - 130	30	
Naphthalene	ND	230	66	69	4.4	57			30 - 130	30	
Nitrobenzene	ND	130	70	70	0.0	65			30 - 130	30	
N-Nitrosodimethylamine	ND	230	50	48	4.1	49			30 - 130	30	
N-Nitrosodi-n-propylamine	ND	130	69	71	2.9	65			30 - 130	30	
N-Nitrosodiphenylamine	ND	130	75	82	8.9	61			30 - 130	30	
Pentachloronitrobenzene	ND	230	70	80	13.3	60			30 - 130	30	
Pentachlorophenol	ND	230	46	32	35.9	49			30 - 130	30	r
Phenanthrene	ND	130	78	83	6.2	63			30 - 130	30	

QA/QC Data

SDG I.D.: GBK41633

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Phenol	ND	230	74	74	0.0	62			30 - 130	30
Pyrene	ND	230	76	87	13.5	66			30 - 130	30
Pyridine	ND	230	35	35	0.0	37			30 - 130	30
% 2,4,6-Tribromophenol	50	%	73	77	5.3	63			30 - 130	30
% 2-Fluorobiphenyl	65	%	68	71	4.3	57			30 - 130	30
% 2-Fluorophenol	48	%	60	65	8.0	54			30 - 130	30
% Nitrobenzene-d5	65	%	70	71	1.4	62			30 - 130	30
% Phenol-d5	61	%	72	74	2.7	63			30 - 130	30
% Terphenyl-d14	69	%	73	80	9.2	63			30 - 130	30

Comment:

MSD not reported for this batch.

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

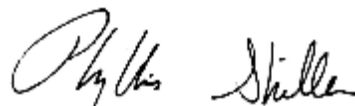
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director
January 20, 2016

Sample Criteria Exceedences Report

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

GBK41633 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41633	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	4000	360	470	470	ug/Kg
BK41633	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	450	360	250	250	ug/Kg
BK41633	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	450	360	250	250	ug/Kg
BK41633	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	4000	360	470	470	ug/Kg
BK41633	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	97.9	4.1	50	50	mg/kg
BK41633	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	1.00	0.03	0.73	0.73	mg/Kg
BK41633	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.00	0.03	0.81	0.81	mg/Kg
BK41633	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.00	0.03	0.81	0.81	mg/Kg
BK41633	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.00	0.03	0.18	0.18	mg/Kg
BK41633	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	776	8.2	450	450	mg/Kg
BK41633	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	776	8.2	400	400	mg/Kg
BK41633	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	776	8.2	400	400	mg/Kg
BK41633	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	776	8.2	63	63	mg/Kg
BK41633	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	300	8.2	109	109	mg/Kg
BK41634	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	3400	20	20	ug/Kg
BK41634	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	3400	210	210	ug/Kg
BK41634	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	3400	900	900	ug/Kg
BK41634	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3400	20	20	ug/Kg
BK41634	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	3400	330	330	ug/Kg
BK41634	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3400	330	330	ug/Kg
BK41634	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	34000	50	50	ug/Kg
BK41634	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	34000	50	50	ug/Kg
BK41634	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	3400	50	50	ug/Kg
BK41634	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3400	50	50	ug/Kg
BK41634	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	3400	190	190	ug/Kg
BK41634	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3400	190	190	ug/Kg
BK41634	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	3400	270	270	ug/Kg
BK41634	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3400	270	270	ug/Kg
BK41634	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	3400	250	250	ug/Kg
BK41634	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3400	250	250	ug/Kg
BK41634	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	21000	120	120	ug/Kg
BK41634	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	21000	120	120	ug/Kg
BK41634	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	3400	60	60	ug/Kg
BK41634	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Residential	ND	3400	2900	2900	ug/Kg
BK41634	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3400	60	60	ug/Kg
BK41634	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	3400	20	20	ug/Kg
BK41634	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential	ND	3400	2300	2300	ug/Kg
BK41634	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential Restricted	ND	3400	3100	3100	ug/Kg
BK41634	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3400	20	20	ug/Kg
BK41634	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	15000	6900	11000	11000	ug/Kg
BK41634	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	15000	6900	11000	11000	ug/Kg

Sample Criteria Exceedences Report

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

GBK41633 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41634	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	69000	100	100	ug/kg
BK41634	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Residential	ND	69000	9800	9800	ug/kg
BK41634	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Residential Restricted	ND	69000	13000	13000	ug/kg
BK41634	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	69000	100	100	ug/kg
BK41635	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	630	230	50	50	ug/Kg
BK41635	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	630	230	50	50	ug/Kg
BK41635	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	200	140	120	120	ug/Kg
BK41635	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	200	140	120	120	ug/Kg
BK41635	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	450	100	100	ug/kg
BK41635	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	450	100	100	ug/kg
BK41635	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	4.1	3.3	3.3	ug/Kg
BK41635	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	4.1	3.3	3.3	ug/Kg
BK41635	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	4.1	3.3	3.3	ug/Kg
BK41635	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	17.7	1.4	16	16	mg/Kg
BK41635	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	17.7	1.4	16	16	mg/Kg
BK41635	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	17.7	1.4	16	16	mg/Kg
BK41635	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	17.7	1.4	13	13	mg/Kg
BK41635	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.40	0.06	0.18	0.18	mg/Kg
BK41635	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	103	1.4	63	63	mg/Kg
BK41635	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	114	1.4	109	109	mg/Kg
BK41636	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	63.9	0.35	50	50	mg/kg
BK41636	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	162	7.0	63	63	mg/Kg
BK41636	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	184	7.0	109	109	mg/Kg
BK41637	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4700	20	20	ug/Kg
BK41637	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	4700	210	210	ug/Kg
BK41637	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	4700	900	900	ug/Kg
BK41637	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4700	20	20	ug/Kg
BK41637	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4700	330	330	ug/Kg
BK41637	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4700	330	330	ug/Kg
BK41637	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	47000	50	50	ug/Kg
BK41637	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	47000	50	50	ug/Kg
BK41637	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4700	50	50	ug/Kg
BK41637	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4700	50	50	ug/Kg
BK41637	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4700	190	190	ug/Kg
BK41637	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4700	190	190	ug/Kg
BK41637	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4700	270	270	ug/Kg
BK41637	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4700	270	270	ug/Kg
BK41637	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4700	250	250	ug/Kg
BK41637	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4700	250	250	ug/Kg
BK41637	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	28000	120	120	ug/Kg

Sample Criteria Exceedences Report

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

GBK41633 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41637	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	28000	120	120	ug/Kg
BK41637	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4700	370	370	ug/Kg
BK41637	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4700	370	370	ug/Kg
BK41637	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4700	760	760	ug/Kg
BK41637	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Residential	ND	4700	1400	1400	ug/Kg
BK41637	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	4700	2400	2400	ug/Kg
BK41637	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4700	760	760	ug/Kg
BK41637	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4700	60	60	ug/Kg
BK41637	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Residential	ND	4700	2900	2900	ug/Kg
BK41637	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4700	60	60	ug/Kg
BK41637	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4700	20	20	ug/Kg
BK41637	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential	ND	4700	2300	2300	ug/Kg
BK41637	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential Restricted	ND	4700	3100	3100	ug/Kg
BK41637	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4700	20	20	ug/Kg
BK41637	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	12000	4700	3900	3900	ug/Kg
BK41637	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	12000	4700	3900	3900	ug/Kg
BK41637	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	19000	4700	11000	11000	ug/Kg
BK41637	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	19000	4700	11000	11000	ug/Kg
BK41637	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	93000	100	100	ug/kg
BK41637	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Residential	ND	93000	9800	9800	ug/kg
BK41637	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Residential Restricted	ND	93000	13000	13000	ug/kg
BK41637	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	93000	100	100	ug/kg
BK41638	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	18.1	1.0	16	16	mg/Kg
BK41638	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	18.1	1.0	16	16	mg/Kg
BK41638	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	18.1	1.0	16	16	mg/Kg
BK41638	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	18.1	1.0	13	13	mg/Kg
BK41638	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	89.6	0.48	50	50	mg/kg
BK41638	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	3.35	0.36	0.73	0.73	mg/Kg
BK41638	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	3.35	0.36	0.81	0.81	mg/Kg
BK41638	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	3.35	0.36	0.81	0.81	mg/Kg
BK41638	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	3.35	0.36	0.18	0.18	mg/Kg
BK41638	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	512	9.7	450	450	mg/Kg
BK41638	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	512	9.7	400	400	mg/Kg
BK41638	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	512	9.7	400	400	mg/Kg
BK41638	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	512	9.7	63	63	mg/Kg
BK41638	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	359	9.7	109	109	mg/Kg
BK41639	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	630	250	470	470	ug/Kg
BK41639	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	630	250	470	470	ug/Kg
BK41639	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	14.1	0.8	13	13	mg/Kg
BK41639	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	95.2	0.40	50	50	mg/kg

Sample Criteria Exceedences Report

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

GBK41633 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41639	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.45	0.03	0.18	0.18	mg/Kg
BK41639	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	733	7.9	450	450	mg/Kg
BK41639	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	733	7.9	400	400	mg/Kg
BK41639	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	733	7.9	400	400	mg/Kg
BK41639	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	733	7.9	63	63	mg/Kg
BK41639	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	768	7.9	109	109	mg/Kg
BK41640	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2400	20	20	ug/Kg
BK41640	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	2400	210	210	ug/Kg
BK41640	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	2400	900	900	ug/Kg
BK41640	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2400	20	20	ug/Kg
BK41640	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	24000	50	50	ug/Kg
BK41640	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	24000	50	50	ug/Kg
BK41640	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2400	50	50	ug/Kg
BK41640	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2400	50	50	ug/Kg
BK41640	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2400	190	190	ug/Kg
BK41640	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2400	190	190	ug/Kg
BK41640	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2400	270	270	ug/Kg
BK41640	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2400	270	270	ug/Kg
BK41640	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	15000	120	120	ug/Kg
BK41640	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	15000	120	120	ug/Kg
BK41640	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2400	60	60	ug/Kg
BK41640	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2400	60	60	ug/Kg
BK41640	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2400	20	20	ug/Kg
BK41640	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential	ND	2400	2300	2300	ug/Kg
BK41640	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2400	20	20	ug/Kg
BK41640	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	48000	100	100	ug/kg
BK41640	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Residential	ND	48000	9800	9800	ug/kg
BK41640	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Residential Restricted	ND	48000	13000	13000	ug/kg
BK41640	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	48000	100	100	ug/kg
BK41641	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	70	50	50	50	ug/Kg
BK41641	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	70	50	50	50	ug/Kg
BK41641	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	5.1	5	5	ug/Kg
BK41641	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	5.1	5	5	ug/Kg
BK41641	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	31.5	1.0	16	16	mg/Kg
BK41641	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	31.5	1.0	16	16	mg/Kg
BK41641	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	31.5	1.0	16	16	mg/Kg
BK41641	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	31.5	1.0	13	13	mg/Kg
BK41641	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	818	1.0	350	350	mg/Kg
BK41641	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	818	1.0	400	400	mg/Kg
BK41641	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	818	1.0	350	350	mg/Kg

Sample Criteria Exceedences Report

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

GBK41633 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41641	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	14.0	0.41	0.73	0.73	mg/Kg
BK41641	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	14.0	0.41	0.81	0.81	mg/Kg
BK41641	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	14.0	0.41	0.81	0.81	mg/Kg
BK41641	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	14.0	0.41	0.18	0.18	mg/Kg
BK41641	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	65.0	0.51	30	30	mg/Kg
BK41641	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	122	10	63	63	mg/Kg
BK41641	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	197	1.0	109	109	mg/Kg
BK41642	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	7.1	2.4	3.3	3.3	ug/Kg
BK41642	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	51.7	0.8	16	16	mg/Kg
BK41642	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	51.7	0.8	16	16	mg/Kg
BK41642	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	51.7	0.8	16	16	mg/Kg
BK41642	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	51.7	0.8	13	13	mg/Kg
BK41642	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	75.4	0.39	30		mg/Kg
BK41642	CU-SM	Copper	NY / 375-6.8 Metals / Residential	327	3.9	270	270	mg/kg
BK41642	CU-SM	Copper	NY / 375-6.8 Metals / Residential Restricted	327	3.9	270	270	mg/kg
BK41642	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	327	3.9	50	50	mg/kg
BK41642	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	5.30	0.31	0.73	0.73	mg/Kg
BK41642	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	5.30	0.31	0.81	0.81	mg/Kg
BK41642	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	5.30	0.31	0.81	0.81	mg/Kg
BK41642	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	5.30	0.31	0.18	0.18	mg/Kg
BK41642	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	2470	77	450	450	mg/Kg
BK41642	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	2470	77	400	400	mg/Kg
BK41642	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	2470	77	400	400	mg/Kg
BK41642	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	2470	77	63	63	mg/Kg
BK41642	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	424	7.7	109	109	mg/Kg
BK41643	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	2100	320	470	470	ug/Kg
BK41643	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2100	320	470	470	ug/Kg
BK41643	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	2.95	0.38	2.5	2.5	mg/Kg
BK41643	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	2.95	0.38	2.5	2.5	mg/Kg
BK41643	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	60.0	0.38	50	50	mg/kg
BK41643	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	213	7.6	63	63	mg/Kg
BK41643	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	112	0.8	109	109	mg/Kg
BK41644	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	510	280	470	470	ug/Kg
BK41644	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	510	280	470	470	ug/Kg
BK41644	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	6400	260	1000	1000	ug/Kg
BK41644	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	6400	260	1000	1000	ug/Kg
BK41644	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	6400	260	1000	1000	ug/Kg
BK41644	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	6400	260	1000	1000	ug/Kg
BK41644	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	6600	260	1000	1000	ug/Kg
BK41644	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	6600	260	1000	1000	ug/Kg

Sample Criteria Exceedences Report

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

GBK41633 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41644	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	6600	260	3900	3900	ug/Kg
BK41644	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	6600	260	1000	1000	ug/Kg
BK41644	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4100	260	1700	1700	ug/Kg
BK41644	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4100	260	1000	1000	ug/Kg
BK41644	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4100	260	1000	1000	ug/Kg
BK41644	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4100	260	1000	1000	ug/Kg
BK41644	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	3800	260	1700	1700	ug/Kg
BK41644	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3800	260	1000	1000	ug/Kg
BK41644	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3800	260	800	800	ug/Kg
BK41644	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	5000	260	1000	1000	ug/Kg
BK41644	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	5000	260	1000	1000	ug/Kg
BK41644	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5000	260	1000	1000	ug/Kg
BK41644	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	3200	260	500	500	ug/Kg
BK41644	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	3200	260	500	500	ug/Kg
BK41644	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3200	260	500	500	ug/Kg
BK41644	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	660	260	330	330	ug/Kg
BK41644	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	660	260	330	330	ug/Kg
BK41644	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	660	260	330	330	ug/Kg
BK41644	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	62.4	0.35	50	50	mg/kg
BK41644	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	3.04	0.27	0.73	0.73	mg/Kg
BK41644	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	3.04	0.27	0.81	0.81	mg/Kg
BK41644	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	3.04	0.27	0.81	0.81	mg/Kg
BK41644	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	3.04	0.27	0.18	0.18	mg/Kg
BK41644	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	172	7.0	63	63	mg/Kg
BK41644	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	150	7.0	109	109	mg/Kg
BK41645	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7900	20	20	ug/Kg
BK41645	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	7900	210	210	ug/Kg
BK41645	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	7900	900	900	ug/Kg
BK41645	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7900	20	20	ug/Kg
BK41645	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7900	330	330	ug/Kg
BK41645	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7900	330	330	ug/Kg
BK41645	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	79000	50	50	ug/Kg
BK41645	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	79000	50	50	ug/Kg
BK41645	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7900	50	50	ug/Kg
BK41645	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7900	50	50	ug/Kg
BK41645	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7900	190	190	ug/Kg
BK41645	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7900	190	190	ug/Kg
BK41645	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7900	270	270	ug/Kg
BK41645	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7900	270	270	ug/Kg
BK41645	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7900	250	250	ug/Kg
BK41645	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7900	250	250	ug/Kg

Sample Criteria Exceedences Report

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

GBK41633 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41645	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	48000	120	120	ug/Kg
BK41645	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	48000	120	120	ug/Kg
BK41645	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7900	370	370	ug/Kg
BK41645	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7900	370	370	ug/Kg
BK41645	\$8260MADPR	1,1,1-Trichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7900	680	680	ug/Kg
BK41645	\$8260MADPR	1,1,1-Trichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7900	680	680	ug/Kg
BK41645	\$8260MADPR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Ground Water Protection	ND	16000	930	930	ug/Kg
BK41645	\$8260MADPR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	16000	930	930	ug/Kg
BK41645	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7900	760	760	ug/Kg
BK41645	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Residential	ND	7900	1400	1400	ug/Kg
BK41645	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	7900	2400	2400	ug/Kg
BK41645	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7900	760	760	ug/Kg
BK41645	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7900	60	60	ug/Kg
BK41645	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Residential	ND	7900	2900	2900	ug/Kg
BK41645	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Residential Restricted	ND	7900	4800	4800	ug/Kg
BK41645	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7900	60	60	ug/Kg
BK41645	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7900	20	20	ug/Kg
BK41645	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential	ND	7900	2300	2300	ug/Kg
BK41645	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential Restricted	ND	7900	3100	3100	ug/Kg
BK41645	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7900	20	20	ug/Kg
BK41645	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7900	470	470	ug/Kg
BK41645	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7900	470	470	ug/Kg
BK41645	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7900	700	700	ug/Kg
BK41645	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7900	700	700	ug/Kg
BK41645	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7900	1300	1300	ug/Kg
BK41645	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Residential	ND	7900	5500	5500	ug/Kg
BK41645	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7900	1300	1300	ug/Kg
BK41645	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	4700	3900	3900	3900	ug/Kg
BK41645	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	4700	3900	3900	3900	ug/Kg
BK41645	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	27000	16000	11000	11000	ug/Kg
BK41645	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	27000	16000	11000	11000	ug/Kg
BK41645	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	160000	100	100	ug/kg
BK41645	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Residential	ND	160000	9800	9800	ug/kg
BK41645	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Residential Restricted	ND	160000	13000	13000	ug/kg
BK41645	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	160000	100	100	ug/kg
BK41646	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	250	20	20	ug/Kg
BK41646	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	250	210	210	ug/Kg
BK41646	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg
BK41646	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2500	50	50	ug/Kg
BK41646	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2500	50	50	ug/Kg
BK41646	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	250	50	50	ug/Kg

Sample Criteria Exceedences Report

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

GBK41633 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41646	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	50	50	ug/Kg
BK41646	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1500	120	120	ug/Kg
BK41646	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	120	120	ug/Kg
BK41646	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	250	20	20	ug/Kg
BK41646	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg
BK41646	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	5000	100	100	ug/kg
BK41646	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	5000	100	100	ug/kg
BK41646	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	17.9	0.8	16	16	mg/Kg
BK41646	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	17.9	0.8	16	16	mg/Kg
BK41646	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	17.9	0.8	16	16	mg/Kg
BK41646	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	17.9	0.8	13	13	mg/Kg
BK41646	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	119	0.40	50	50	mg/kg
BK41646	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	11.3	0.35	0.73	0.73	mg/Kg
BK41646	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	11.3	0.35	0.81	0.81	mg/Kg
BK41646	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	11.3	0.35	0.81	0.81	mg/Kg
BK41646	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	11.3	0.35	0.18	0.18	mg/Kg
BK41646	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	529	7.9	450	450	mg/Kg
BK41646	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	529	7.9	400	400	mg/Kg
BK41646	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	529	7.9	400	400	mg/Kg
BK41646	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	529	7.9	63	63	mg/Kg
BK41646	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	217	7.9	109	109	mg/Kg
BK41647	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2000	260	1000	1000	ug/Kg
BK41647	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2300	260	1000	1000	ug/Kg
BK41647	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1600	260	1000	1000	ug/Kg
BK41647	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	990	260	500	500	ug/Kg
BK41647	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2300	260	1000	1000	ug/Kg
BK41647	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1600	260	1000	1000	ug/Kg
BK41647	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1900	260	1000	1000	ug/Kg
BK41647	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2000	260	1000	1000	ug/Kg
BK41647	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1900	260	1000	1000	ug/Kg
BK41647	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	260	1000	1000	ug/Kg
BK41647	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2000	260	1000	1000	ug/Kg
BK41647	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	990	260	500	500	ug/Kg
BK41647	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	260	1000	1000	ug/Kg
BK41647	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	260	1000	1000	ug/Kg
BK41647	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	260	800	800	ug/Kg
BK41647	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2000	260	1000	1000	ug/Kg
BK41647	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2300	260	1000	1000	ug/Kg
BK41647	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	990	260	500	500	ug/Kg
BK41647	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	59.2	0.35	50	50	mg/kg
BK41647	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.21	0.03	0.18	0.18	mg/Kg

Sample Criteria Exceedences Report

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

GBK41633 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41647	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	317	7.0	63	63	mg/Kg
BK41647	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	222	7.0	109	109	mg/Kg
BK41648	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4900	20	20	ug/Kg
BK41648	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	4900	210	210	ug/Kg
BK41648	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	4900	900	900	ug/Kg
BK41648	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4900	20	20	ug/Kg
BK41648	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4900	330	330	ug/Kg
BK41648	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4900	330	330	ug/Kg
BK41648	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	49000	50	50	ug/Kg
BK41648	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	49000	50	50	ug/Kg
BK41648	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4900	50	50	ug/Kg
BK41648	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4900	50	50	ug/Kg
BK41648	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4900	190	190	ug/Kg
BK41648	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4900	190	190	ug/Kg
BK41648	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4900	270	270	ug/Kg
BK41648	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4900	270	270	ug/Kg
BK41648	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4900	250	250	ug/Kg
BK41648	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4900	250	250	ug/Kg
BK41648	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	29000	120	120	ug/Kg
BK41648	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	29000	120	120	ug/Kg
BK41648	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4900	370	370	ug/Kg
BK41648	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4900	370	370	ug/Kg
BK41648	\$8260MADPR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Ground Water Protection	ND	9700	930	930	ug/Kg
BK41648	\$8260MADPR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	9700	930	930	ug/Kg
BK41648	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4900	760	760	ug/Kg
BK41648	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Residential	ND	4900	1400	1400	ug/Kg
BK41648	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	4900	2400	2400	ug/Kg
BK41648	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4900	760	760	ug/Kg
BK41648	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4900	60	60	ug/Kg
BK41648	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Residential	ND	4900	2900	2900	ug/Kg
BK41648	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Residential Restricted	ND	4900	4800	4800	ug/Kg
BK41648	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4900	60	60	ug/Kg
BK41648	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4900	20	20	ug/Kg
BK41648	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential	ND	4900	2300	2300	ug/Kg
BK41648	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential Restricted	ND	4900	3100	3100	ug/Kg
BK41648	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4900	20	20	ug/Kg
BK41648	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4900	470	470	ug/Kg
BK41648	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4900	470	470	ug/Kg
BK41648	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	31000	9700	3900	3900	ug/Kg
BK41648	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	31000	9700	3900	3900	ug/Kg
BK41648	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	6500	5900	3600	3600	ug/Kg

Sample Criteria Exceedences Report

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

GBK41633 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41648	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	6500	5900	3600	3600	ug/Kg
BK41648	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	31000	9700	11000	11000	ug/Kg
BK41648	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	31000	9700	11000	11000	ug/Kg
BK41648	\$8260MADPR	n-Butylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	16000	9700	12000	12000	ug/Kg
BK41648	\$8260MADPR	n-Butylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	16000	9700	12000	12000	ug/Kg
BK41648	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	97000	100	100	ug/kg
BK41648	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Residential	ND	97000	9800	9800	ug/kg
BK41648	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Residential Restricted	ND	97000	13000	13000	ug/kg
BK41648	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	97000	100	100	ug/kg
BK41649	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	0.92	0.04	0.73	0.73	mg/Kg
BK41649	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	0.92	0.04	0.81	0.81	mg/Kg
BK41649	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	0.92	0.04	0.81	0.81	mg/Kg
BK41649	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.92	0.04	0.18	0.18	mg/Kg
BK41649	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	134	1.0	63	63	mg/Kg
BK41649	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	136	1.0	109	109	mg/Kg
BK41650	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	280	20	20	ug/Kg
BK41650	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	280	210	210	ug/Kg
BK41650	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BK41650	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2800	50	50	ug/Kg
BK41650	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2800	50	50	ug/Kg
BK41650	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	280	50	50	ug/Kg
BK41650	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	50	50	ug/Kg
BK41650	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1700	120	120	ug/Kg
BK41650	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1700	120	120	ug/Kg
BK41650	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	280	20	20	ug/Kg
BK41650	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BK41650	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1800	270	1000	1000	ug/Kg
BK41650	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2100	270	1000	1000	ug/Kg
BK41650	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1700	270	1000	1000	ug/Kg
BK41650	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1800	270	1000	1000	ug/Kg
BK41650	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	270	500	500	ug/Kg
BK41650	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2100	270	1000	1000	ug/Kg
BK41650	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1800	270	1000	1000	ug/Kg
BK41650	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1700	270	1000	1000	ug/Kg
BK41650	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	270	500	500	ug/Kg
BK41650	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1700	270	1000	1000	ug/Kg
BK41650	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1800	270	1000	1000	ug/Kg
BK41650	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1800	270	1000	1000	ug/Kg
BK41650	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1700	270	800	800	ug/Kg
BK41650	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	270	1000	1000	ug/Kg

Sample Criteria Exceedences Report

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

GBK41633 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41650	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	270	1000	1000	ug/Kg
BK41650	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	270	1000	1000	ug/Kg
BK41650	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	270	500	500	ug/Kg
BK41650	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1700	270	1000	1000	ug/Kg
BK41650	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	5600	100	100	ug/kg
BK41650	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	5600	100	100	ug/kg
BK41650	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	15.2	0.7	13	13	mg/Kg
BK41650	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	66.8	0.36	50	50	mg/kg
BK41650	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	4.47	0.30	0.73	0.73	mg/Kg
BK41650	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	4.47	0.30	0.81	0.81	mg/Kg
BK41650	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	4.47	0.30	0.81	0.81	mg/Kg
BK41650	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	4.47	0.30	0.18	0.18	mg/Kg
BK41650	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	612	7.3	450	450	mg/Kg
BK41650	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	612	7.3	400	400	mg/Kg
BK41650	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	612	7.3	400	400	mg/Kg
BK41650	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	612	7.3	63	63	mg/Kg
BK41650	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	170	7.3	109	109	mg/Kg
BK41652	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	27.0	0.7	16	16	mg/Kg
BK41652	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	27.0	0.7	16	16	mg/Kg
BK41652	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	27.0	0.7	16	16	mg/Kg
BK41652	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	27.0	0.7	13	13	mg/Kg
BK41652	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	106	0.7	63	63	mg/Kg
BK41653	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	350	420	20	20	ug/Kg
BK41653	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	350	420	210	210	ug/Kg
BK41653	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	350	420	20	20	ug/Kg
BK41653	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4200	50	50	ug/Kg
BK41653	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4200	50	50	ug/Kg
BK41653	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	420	50	50	ug/Kg
BK41653	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	420	50	50	ug/Kg
BK41653	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2500	120	120	ug/Kg
BK41653	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2500	120	120	ug/Kg
BK41653	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	420	20	20	ug/Kg
BK41653	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	420	20	20	ug/Kg
BK41653	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	8300	100	100	ug/kg
BK41653	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	8300	100	100	ug/kg
BK41654	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	230	50	50	50	ug/Kg
BK41654	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	230	50	50	50	ug/Kg
BK41654	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	35.8	1.3	16	16	mg/Kg
BK41654	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	35.8	1.3	16	16	mg/Kg
BK41654	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	35.8	1.3	16	16	mg/Kg

Sample Criteria Exceedences Report

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

GBK41633 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK41654	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	35.8	1.3	13	13	mg/Kg
BK41654	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	77.0	0.63	50	50	mg/kg
BK41654	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	12.1	0.48	0.73	0.73	mg/Kg
BK41654	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	12.1	0.48	0.81	0.81	mg/Kg
BK41654	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	12.1	0.48	0.81	0.81	mg/Kg
BK41654	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	12.1	0.48	0.18	0.18	mg/Kg
BK41654	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	268	13	63	63	mg/Kg
BK41654	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	277	13	109	109	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 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

January 20, 2016

SDG I.D.: GBK41633

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 ☐
Temp °C Pg 1 of 2

Contact Options:

Fax: ☐
Phone: 631-504-6000
Email: File

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

Project: 65 Eckford St, Brooklyn NY
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

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

Client Sample - Information - Identification
Sampler's Signature: Greg Swenson Date: 12/17/15
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
41633	15SB2 0-2	S	12/17		X X X
41634	15SB2 11-13				X X
41635	15SB2 19-20				X X X
41636	15SB4 0-2				X X X
41637	15SB4 11-13				X X
41638	15SB4 19-20				X X X
41639	15SB6 0-2				X X X
41640	15SB6 11-13				X X
41641	15SB6 19-20				X X X
41642	Soil Duplicate				X X X
41643	15SB10 0-2				X X X

Relinquished by: [Signature] Date: 12-18-15 Time: 11:30
Accepted by: [Signature] Date: 12-18-15 Time: 17:00

Comments, Special Requirements or Regulations:

* Run MS/MSD on 15SB2 0-2

Turnaround:	NJ	NY
☐ 1 Day*	☐ Res. Criteria	☐ NY 375 GWP
☐ 2 Days*	☐ Non-Res. Criteria	☒ NY 375 Unrestricted
☐ 3 Days*	☐ Impact to GW Soil	Use Soil
☒ 5 Days	☐ Cleanup Criteria	☒ NY 375 Residential
☐ 10 Days	☐ GW Criteria	Soil
☐ Other		☒ Restricted/Residential
* SURCHARGE APPLIES		☐ Commercial
		☐ Industrial
Data Format		Phoenix Std Report
☐ Excel		☒ PDF
☒ GIS/Key		☒ EQUIS
☒ NJ Hazsite EDD		☒ NY EZ EDD (ASP)
☐ Other		☐ Other
Data Package		☐ NJ Reduced Deliv.*
☒ NY Enhanced (ASP B)*		☐ Other

NY

State where samples were collected:



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: ☐ °C ☒ Pg 2 of 3

Contact Options:

Fax: ☐
Phone: 631-504-6000
Email: ☒ File

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

Project: 65 Bedford St. Brooklyn NY
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O.:

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

Client Sample - Information - Identification				Analysis Request	
Sampler's Signature	Greg Swanson	Date:	12/17/06		
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	
4110330015SB70-2	S		12/17		
4110330015SB71-13					
4110330015SB719-20					
4110330015SB80-2					
15SB8 11-13					
15SB8 19-20					
15SB9 0-2					
15SB9 4-13					
15SB9 19-20					
15SB10 11-13					
15SB10 19-20					

31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

Relinquished by: <u>[Signature]</u>	Accepted by: <u>[Signature]</u>	Date: <u>12-18-06</u>	Time: <u>17:00</u>
Comments, Special Requirements or Regulations: <u>* 155B10 11-13 just VOCs + SVOCs</u>			
Turnaround:		NY	
☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☒ 5 Days ☐ 10 Days ☐ Other		☐ Res. Criteria ☐ Non-Res. Criteria ☐ Impact to GW Soil ☐ Cleanup Criteria ☐ GW Criteria	
Data Format		Data Package	
☐ Phoenix Std Report ☒ Excel ☒ PDF ☐ GIS/Key ☒ EQUIS ☐ NJ Hazsite EDD ☒ NY EZ EDD (ASP) ☐ Other		☐ Restricted/Residential ☐ Commercial ☐ Industrial	
State where samples were collected:		<u>NY</u>	



Tuesday, January 19, 2016

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

Project ID: 65 ECKFORD ST BROOKLYN NY
Sample ID#s: BK43852 - BK43854

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.

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, 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
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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 65 ECKFORD ST BROOKLYN NY
Laboratory Project: GBK43852



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NY Analytical Services Protocol Format

January 19, 2016

SDG I.D.: GBK43852

Environmental Business Consultants 65 ECKFORD ST BROOKLYN NY

Methodology Summary

Volatiles

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

Mercury

Methods for Chemical Analyses of Water and Wastes, EPA, Environmental Monitoring Systems Laboratory Cincinnati (EMSL-CL), EPA-600/4-79-020, method 245.1
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7470A.

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)/Pesticides:

Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 608) as printed in 40CFR part 136.

Semivolatile Organic Compounds

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

Semi-volatiles analysis

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8270D (SIM - selective ion monitoring mode).



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SDG I.D.: GBK43852

Environmental Business Consultants 65 ECKFORD ST BROOKLYN NY

Sample Id Cross Reference

Client Id	Lab Id	Matrix
15 MW 6	BK43852	GROUND WATER
15 MW 7	BK43853	GROUND WATER
15 MW 8	BK43854	GROUND WATER



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NY Analytical Services Protocol Format

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SDG I.D.: GBK43852

Environmental Business Consultants 65 ECKFORD ST BROOKLYN NY

Laboratory Chronicle

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

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BK43852	Aluminum	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Aluminum (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Antimony	12/23/15	12/23/15	12/29/15	RS	Y
BK43852	Antimony, (Dissolved)	12/23/15	12/23/15	12/29/15	RS	Y
BK43852	Arsenic - LDL	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Arsenic, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Barium	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Barium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Beryllium	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Beryllium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Cadmium	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Cadmium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Calcium	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Calcium (Dissolved)	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Chromium	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Chromium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Cobalt	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Cobalt, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Copper	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Copper, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Iron	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Iron, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Lead	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Lead (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Magnesium	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Magnesium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Manganese	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Manganese, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Mercury	12/23/15	12/24/15	12/24/15	MA	Y
BK43852	Mercury (Dissolved)	12/23/15	12/28/15	12/28/15	RS	Y
BK43852	Nickel	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Nickel, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y



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Environmental Business Consultants 65 ECKFORD ST BROOKLYN NY

BK43852	Pesticides	12/23/15	12/28/15	12/30/15	CE	Y
BK43852	Polychlorinated Biphenyls	12/23/15	12/28/15	12/29/15	AW	Y
BK43852	Potassium	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Potassium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Selenium	12/23/15	12/23/15	12/29/15	RS	Y
BK43852	Selenium, (Dissolved)	12/23/15	12/23/15	12/28/15	RS	Y
BK43852	Semivolatiles	12/23/15	12/23/15	12/28/15	DD	Y
BK43852	Silver	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Silver (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Sodium	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Sodium (Dissolved)	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Thallium , (Dissolved)	12/23/15	12/23/15	12/28/15	RS	Y
BK43852	Thallium - LDL	12/23/15	12/23/15	12/28/15	RS	Y
BK43852	Vanadium	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Vanadium, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43852	Volatiles	12/23/15	12/24/15	12/24/15	MH	Y
BK43852	Zinc	12/23/15	12/23/15	12/29/15	LK	Y
BK43852	Zinc, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Aluminum	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Aluminum (Dissolved)	12/23/15	12/23/15	12/29/15	ek	Y
BK43853	Antimony	12/23/15	12/23/15	12/29/15	RS	Y
BK43853	Antimony, (Dissolved)	12/23/15	12/23/15	12/29/15	RS	Y
BK43853	Arsenic - LDL	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Arsenic, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Barium	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Barium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Beryllium	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Beryllium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Cadmium	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Cadmium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Calcium	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Calcium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Chromium	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Chromium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Cobalt	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Cobalt, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Copper	12/23/15	12/23/15	12/29/15	LK	Y



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BK43853	Copper, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Iron	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Iron, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Lead	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Lead (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Magnesium	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Magnesium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Manganese	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Manganese, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Mercury	12/23/15	12/24/15	12/24/15	MA	Y
BK43853	Mercury (Dissolved)	12/23/15	12/28/15	12/28/15	RS	Y
BK43853	Nickel	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Nickel, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Pesticides	12/23/15	12/28/15	12/29/15	CE	Y
BK43853	Polychlorinated Biphenyls	12/23/15	12/23/15	12/24/15	AW	Y
BK43853	Potassium	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Potassium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Selenium	12/23/15	12/23/15	12/29/15	RS	Y
BK43853	Selenium, (Dissolved)	12/23/15	12/23/15	12/29/15	RS	Y
BK43853	Semivolatiles	12/23/15	12/23/15	12/28/15	DD	Y
BK43853	Silver	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Silver (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Sodium	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Sodium (Dissolved)	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Thallium , (Dissolved)	12/23/15	12/23/15	12/28/15	RS	Y
BK43853	Thallium - LDL	12/23/15	12/23/15	12/28/15	RS	Y
BK43853	Vanadium	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Vanadium, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43853	Volatiles	12/23/15	12/25/15	12/25/15	MH	Y
BK43853	Zinc	12/23/15	12/23/15	12/29/15	LK	Y
BK43853	Zinc, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Aluminum	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Aluminum (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Antimony	12/23/15	12/23/15	12/29/15	RS	Y
BK43854	Antimony, (Dissolved)	12/23/15	12/23/15	12/29/15	RS	Y
BK43854	Arsenic - LDL	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Arsenic, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y



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Environmental Business Consultants 65 ECKFORD ST BROOKLYN NY

BK43854	Barium	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Barium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Beryllium	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Beryllium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Cadmium	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Cadmium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Calcium	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Calcium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Chromium	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Chromium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Cobalt	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Cobalt, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Copper	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Copper, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Iron	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Iron, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Lead	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Lead (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Magnesium	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Magnesium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Manganese	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Manganese, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Mercury	12/23/15	12/24/15	12/24/15	MA	Y
BK43854	Mercury (Dissolved)	12/23/15	12/28/15	12/28/15	RS	Y
BK43854	Nickel	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Nickel, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Pesticides	12/23/15	12/28/15	12/30/15	CE	Y
BK43854	Polychlorinated Biphenyls	12/23/15	12/23/15	12/24/15	AW	Y
BK43854	Potassium	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Potassium (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Selenium	12/23/15	12/23/15	12/29/15	RS	Y
BK43854	Selenium, (Dissolved)	12/23/15	12/23/15	12/29/15	RS	Y
BK43854	Semivolatiles	12/23/15	12/23/15	12/28/15	DD	Y
BK43854	Silver	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Silver (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Sodium	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Sodium (Dissolved)	12/23/15	12/23/15	12/29/15	LK	Y



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Environmental Business Consultants 65 ECKFORD ST BROOKLYN NY

BK43854	Thallium , (Dissolved)	12/23/15	12/23/15	12/28/15	RS	Y
BK43854	Thallium - LDL	12/23/15	12/23/15	12/28/15	RS	Y
BK43854	Vanadium	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Vanadium, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y
BK43854	Volatiles	12/23/15	12/28/15	12/28/15	MH	Y
BK43854	Zinc	12/23/15	12/23/15	12/29/15	LK	Y
BK43854	Zinc, (Dissolved)	12/23/15	12/23/15	12/29/15	K	Y



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SDG Comments

January 19, 2016

SDG I.D.: GBK43852

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

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.



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Analysis Report

January 19, 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: GS
Received by: SW
Analyzed by: see "By" below

Date

12/23/15

Time

16:24

Laboratory Data

SDG ID: GBK43852
Phoenix ID: BK43852

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: 15 MW 6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	0.001	B 0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Aluminum	8.62	N 0.010	0.0024	mg/L	1	12/29/15	LK	SW6010C
Arsenic - LDL	0.030	0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Barium	0.772	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Beryllium	< 0.001	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Calcium	204	0.10	0.030	mg/L	10	12/29/15	LK	SW6010C
Cadmium	0.001	B 0.004	0.0005	mg/L	1	12/29/15	LK	SW6010C
Cobalt	0.009	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Chromium	0.021	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Copper	0.225	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Aluminum (Dissolved)	0.32	* 0.11	0.026	mg/L	10	12/29/15	K	SW6010C
Arsenic, (Dissolved)	0.004	0.003	0.001	mg/L	1	12/29/15	K	SW6010C
Barium (Dissolved)	0.297	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Calcium (Dissolved)	186	0.11	0.032	mg/L	10	12/29/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/29/15	K	SW6010C
Cobalt, (Dissolved)	0.002	B 0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Iron, (Dissolved)	8.33	0.01	0.01	mg/L	1	12/29/15	K	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/28/15	RS	SW7470A
Potassium (Dissolved)	40.8	0.1	0.1	mg/L	1	12/29/15	K	SW6010C
Magnesium (Dissolved)	30.9	0.01	0.001	mg/L	1	12/29/15	K	SW6010C
Manganese, (Dissolved)	0.390	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Sodium (Dissolved)	144	1.1	1.1	mg/L	10	12/29/15	LK	SW6010C
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	1	12/29/15	K	SW6010C
Lead (Dissolved)	0.001	B 0.002	0.001	mg/L	1	12/29/15	K	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/29/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/28/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Zinc, (Dissolved)	0.004	B 0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Iron	50.6	0.01	0.01	mg/L	1	12/29/15	LK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/24/15	MA	SW7470A
Potassium	41.3	0.1	0.1	mg/L	1	12/29/15	LK	SW6010C
Magnesium	32.2	0.01	0.001	mg/L	1	12/29/15	LK	SW6010C
Manganese	0.558	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Sodium	159	1.0	1.0	mg/L	10	12/29/15	LK	SW6010C
Nickel	0.016	0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Lead	0.724	0.002	0.001	mg/L	1	12/29/15	LK	SW6010C
Antimony	0.002	0.002	0.002	mg/L	1	12/29/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/29/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium	0.025	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Zinc	0.374	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Filtration	Completed					12/23/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/28/15	W/W	SW7470A
Mercury Digestion	Completed					12/24/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/28/15	L	SW3510C
Extraction for Pest (2 Liter)	Completed					12/28/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/23/15	E/I	SW3520C
Dissolved Metals Preparation	Completed					12/23/15	AG	SW3005A
Total Metals Digestion	Completed					12/23/15	AG	SW3050B

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/30/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/30/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/30/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/30/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/30/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/30/15	CE	SW8081B
Dieldrin	ND	0.003	0.003	ug/L	1	12/30/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
g-BHC (Lindane)	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/30/15	CE	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.25	0.25	ug/L	1	12/30/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	49			%	1	12/30/15	CE	SW8081B
%TCMX (Surrogate Rec)	65			%	1	12/30/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/29/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/29/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/29/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/29/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/29/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/29/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/29/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/29/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/29/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	61			%	1	12/29/15	AW	30 - 150 %
% TCMX	67			%	1	12/29/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,1-Dichloropropene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,2,3-Trichloropropane	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/L	2	12/24/15	MH	SW8260C
1,2-Dibromoethane	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,2-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,2-Dichloroethane	ND	0.5	0.50	ug/L	2	12/24/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,3-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,3-Dichloropropane	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
1,4-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
2,2-Dichloropropane	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
2-Chlorotoluene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
2-Hexanone	ND	5.0	5.0	ug/L	2	12/24/15	MH	SW8260C
2-Isopropyltoluene	0.60	J 2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
4-Chlorotoluene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	5.0	ug/L	2	12/24/15	MH	SW8260C
Acetone	ND	10	5.0	ug/L	2	12/24/15	MH	SW8260C
Acrolein	ND	5.0	5.0	ug/L	2	12/24/15	MH	SW8260C
Acrylonitrile	ND	5.0	5.0	ug/L	2	12/24/15	MH	SW8260C
Benzene	ND	0.5	0.50	ug/L	2	12/24/15	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Bromochloromethane	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Bromodichloromethane	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Bromoform	ND	10	0.50	ug/L	2	12/24/15	MH	SW8260C
Bromomethane	ND	5.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Carbon Disulfide	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Carbon tetrachloride	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Chloroethane	ND	5.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Chloroform	ND	7.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Chloromethane	ND	5.0	0.50	ug/L	2	12/24/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.4	0.50	ug/L	2	12/24/15	MH	SW8260C
Dibromochloromethane	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Dibromomethane	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Dichlorodifluoromethane	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Ethylbenzene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Hexachlorobutadiene	ND	0.5	0.40	ug/L	2	12/24/15	MH	SW8260C
Isopropylbenzene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
m&p-Xylene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	5.0	ug/L	2	12/24/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Methylene chloride	ND	5.0	2.0	ug/L	2	12/24/15	MH	SW8260C
Naphthalene	ND	2.0	2.0	ug/L	2	12/24/15	MH	SW8260C
n-Butylbenzene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
n-Propylbenzene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
o-Xylene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
p-Isopropyltoluene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
sec-Butylbenzene	1.0	J 2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Styrene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
tert-Butylbenzene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Tetrachloroethene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	10	5.0	ug/L	2	12/24/15	MH	SW8260C
Toluene	0.99	J 2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/L	2	12/24/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.4	0.50	ug/L	2	12/24/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	5.0	ug/L	2	12/24/15	MH	SW8260C
Trichloroethene	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Trichlorofluoromethane	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Trichlorotrifluoroethane	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
Vinyl chloride	ND	2.0	0.50	ug/L	2	12/24/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	2	12/24/15	MH	70 - 130 %
% Bromofluorobenzene	95			%	2	12/24/15	MH	70 - 130 %
% Dibromofluoromethane	94			%	2	12/24/15	MH	70 - 130 %
% Toluene-d8	100			%	2	12/24/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/29/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/29/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/29/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Acenaphthene	2.3	J 5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/29/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/29/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/29/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/29/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Fluoranthene	4.4	J 5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Fluorene	1.7	J 5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/29/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Pyrene	3.8	J 5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/29/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	102			%	1	12/29/15	DD	15 - 110 %
% 2-Fluorobiphenyl	75			%	1	12/29/15	DD	30 - 130 %
% 2-Fluorophenol	46			%	1	12/29/15	DD	15 - 110 %
% Nitrobenzene-d5	80			%	1	12/29/15	DD	30 - 130 %
% Phenol-d5	68			%	1	12/29/15	DD	15 - 110 %
% Terphenyl-d14	87			%	1	12/29/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Acenaphthylene	0.33	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benz(a)anthracene	1.9	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(a)pyrene	1.7	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	1.4	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	0.70	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	1.4	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/28/15	DD	SW8270D (SIM)
Chrysene	1.7	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	0.20	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	0.73	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/28/15	DD	SW8270D (SIM)
Phenanthrene	6.0	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	122			%	1	12/28/15	DD	15 - 110 %
% 2-Fluorobiphenyl	75			%	1	12/28/15	DD	30 - 130 %
% 2-Fluorophenol	49			%	1	12/28/15	DD	15 - 110 %
% Nitrobenzene-d5	55			%	1	12/28/15	DD	30 - 130 %
% Phenol-d5	68			%	1	12/28/15	DD	15 - 110 %
% Terphenyl-d14	105			%	1	12/28/15	DD	30 - 130 %

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

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 (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:

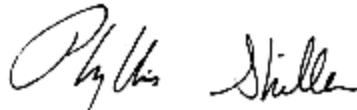
Elevated reporting limits due to the foamy nature of the sample.

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.

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

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Phyllis Shiller, Laboratory Director

January 19, 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

January 19, 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: GS
Received by: SW
Analyzed by: see "By" below

Date

12/23/15

Time

16:24

Laboratory Data

SDG ID: GBK43852
Phoenix ID: BK43853

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: 15 MW 7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.005	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Aluminum	1.64	N 0.010	0.0024	mg/L	1	12/29/15	LK	SW6010C
Arsenic - LDL	0.027	0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Barium	0.547	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Beryllium	< 0.001	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Calcium	156	0.10	0.030	mg/L	10	12/29/15	LK	SW6010C
Cadmium	0.001	B 0.004	0.0005	mg/L	1	12/29/15	LK	SW6010C
Cobalt	0.005	B 0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Chromium	0.005	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Copper	0.018	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Aluminum (Dissolved)	0.021	* 0.011	0.005	mg/L	1	12/29/15	ek	SW6010C
Arsenic, (Dissolved)	0.005	0.003	0.001	mg/L	1	12/29/15	K	SW6010C
Barium (Dissolved)	0.240	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Calcium (Dissolved)	155	0.01	0.003	mg/L	1	12/29/15	K	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/29/15	K	SW6010C
Cobalt, (Dissolved)	0.003	B 0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Iron, (Dissolved)	4.81	0.01	0.01	mg/L	1	12/29/15	K	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/28/15	RS	SW7470A
Potassium (Dissolved)	34.6	0.1	0.1	mg/L	1	12/29/15	K	SW6010C
Magnesium (Dissolved)	24.7	0.01	0.001	mg/L	1	12/29/15	K	SW6010C
Manganese, (Dissolved)	0.471	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Sodium (Dissolved)	113	1.1	1.1	mg/L	10	12/29/15	LK	SW6010C
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	1	12/29/15	K	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/29/15	K	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/29/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/29/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Zinc, (Dissolved)	0.003	B 0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Iron	35.9	0.01	0.01	mg/L	1	12/29/15	LK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/24/15	MA	SW7470A
Potassium	33.8	0.1	0.1	mg/L	1	12/29/15	LK	SW6010C
Magnesium	25.0	0.01	0.001	mg/L	1	12/29/15	LK	SW6010C
Manganese	0.530	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Sodium	109	1.0	1.0	mg/L	10	12/29/15	LK	SW6010C
Nickel	0.004	0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Lead	0.168	0.002	0.001	mg/L	1	12/29/15	LK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/29/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/29/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium	0.005	B 0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Zinc	0.140	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Filtration	Completed					12/23/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/28/15	W/W	SW7470A
Mercury Digestion	Completed					12/24/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/28/15	B	SW3510C
Extraction for Pest (2 Liter)	Completed					12/23/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/23/15	E/I	SW3520C
Dissolved Metals Preparation	Completed					12/23/15	AG	SW3005A
Total Metals Digestion	Completed					12/23/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.050	0.050	ug/L	5	12/29/15	CE	SW8081B
4,4' -DDE	ND	0.012	0.012	ug/L	5	12/29/15	CE	SW8081B
4,4' -DDT	ND	0.012	0.012	ug/L	5	12/29/15	CE	SW8081B
a-BHC	ND	0.012	0.012	ug/L	5	12/29/15	CE	SW8081B
a-chlordane	ND	0.050	0.050	ug/L	5	12/29/15	CE	SW8081B
Alachlor	ND	0.38	0.38	ug/L	5	12/29/15	CE	SW8081B
Aldrin	ND	0.008	0.008	ug/L	5	12/29/15	CE	SW8081B
b-BHC	ND	0.012	0.012	ug/L	5	12/29/15	CE	SW8081B
Chlordane	ND	0.25	0.25	ug/L	5	12/29/15	CE	SW8081B
d-BHC	ND	0.025	0.025	ug/L	5	12/29/15	CE	SW8081B
Dieldrin	ND	0.008	0.008	ug/L	5	12/29/15	CE	SW8081B
Endosulfan I	ND	0.050	0.050	ug/L	5	12/29/15	CE	SW8081B
Endosulfan II	ND	0.050	0.050	ug/L	5	12/29/15	CE	SW8081B
Endosulfan Sulfate	ND	0.050	0.050	ug/L	5	12/29/15	CE	SW8081B
Endrin	ND	0.025	0.025	ug/L	5	12/29/15	CE	SW8081B
Endrin Aldehyde	ND	0.050	0.050	ug/L	5	12/29/15	CE	SW8081B
Endrin ketone	ND	0.060	0.060	ug/L	5	12/29/15	CE	SW8081B
g-BHC (Lindane)	ND	0.050	0.050	ug/L	5	12/29/15	CE	SW8081B
g-chlordane	ND	0.050	0.050	ug/L	5	12/29/15	CE	SW8081B
Heptachlor	ND	0.025	0.025	ug/L	5	12/29/15	CE	SW8081B
Heptachlor epoxide	ND	0.025	0.025	ug/L	5	12/29/15	CE	SW8081B
Methoxychlor	ND	0.50	0.50	ug/L	5	12/29/15	CE	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	1.3	1.3	ug/L	5	12/29/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	62			%	5	12/29/15	CE	SW8081B
%TCMX (Surrogate Rec)	Interference			%	5	12/29/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	49			%	1	12/24/15	AW	30 - 150 %
% TCMX	76			%	1	12/24/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,1,1-Trichloroethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,1,2-Trichloroethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,1-Dichloroethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,1-Dichloroethene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,1-Dichloropropene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,2,3-Trichloropropane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,2,4-Trimethylbenzene	39	20	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	10	10	ug/L	20	12/25/15	M/P	SW8260C
1,2-Dibromoethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,2-Dichlorobenzene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,2-Dichloroethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,2-Dichloropropane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,3-Dichlorobenzene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,3-Dichloropropane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
1,4-Dichlorobenzene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
2,2-Dichloropropane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
2-Chlorotoluene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
2-Hexanone	ND	50	50	ug/L	20	12/25/15	M/P	SW8260C
2-Isopropyltoluene	88	20	5.0	ug/L	20	12/25/15	M/P	SW8260C
4-Chlorotoluene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
4-Methyl-2-pentanone	ND	50	50	ug/L	20	12/25/15	M/P	SW8260C
Acetone	ND	50	50	ug/L	20	12/25/15	M/P	SW8260C
Acrolein	ND	50	50	ug/L	20	12/25/15	M/P	SW8260C
Acrylonitrile	ND	50	50	ug/L	20	12/25/15	M/P	SW8260C
Benzene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C

Client ID: 15 MW 7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Bromochloromethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Bromodichloromethane	ND	20	5.0	ug/L	20	12/25/15	M/P	SW8260C
Bromoform	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Bromomethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Carbon Disulfide	ND	20	5.0	ug/L	20	12/25/15	M/P	SW8260C
Carbon tetrachloride	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Chlorobenzene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Chloroethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Chloroform	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Chloromethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
cis-1,2-Dichloroethene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
cis-1,3-Dichloropropene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Dibromochloromethane	ND	20	5.0	ug/L	20	12/25/15	M/P	SW8260C
Dibromomethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Dichlorodifluoromethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Ethylbenzene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Hexachlorobutadiene	ND	4.0	4.0	ug/L	20	12/25/15	M/P	SW8260C
Isopropylbenzene	100	20	5.0	ug/L	20	12/25/15	M/P	SW8260C
m&p-Xylene	ND	20	5.0	ug/L	20	12/25/15	M/P	SW8260C
Methyl ethyl ketone	ND	50	50	ug/L	20	12/25/15	M/P	SW8260C
Methyl t-butyl ether (MTBE)	ND	20	5.0	ug/L	20	12/25/15	M/P	SW8260C
Methylene chloride	ND	20	20	ug/L	20	12/25/15	M/P	SW8260C
Naphthalene	ND	20	20	ug/L	20	12/25/15	M/P	SW8260C
n-Butylbenzene	97	20	5.0	ug/L	20	12/25/15	M/P	SW8260C
n-Propylbenzene	170	20	5.0	ug/L	20	12/25/15	M/P	SW8260C
o-Xylene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
p-Isopropyltoluene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
sec-Butylbenzene	210	20	5.0	ug/L	20	12/25/15	M/P	SW8260C
Styrene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
tert-Butylbenzene	39	20	5.0	ug/L	20	12/25/15	M/P	SW8260C
Tetrachloroethene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Tetrahydrofuran (THF)	ND	50	50	ug/L	20	12/25/15	M/P	SW8260C
Toluene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
trans-1,2-Dichloroethene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
trans-1,3-Dichloropropene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
trans-1,4-dichloro-2-butene	ND	50	50	ug/L	20	12/25/15	M/P	SW8260C
Trichloroethene	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Trichlorofluoromethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Trichlorotrifluoroethane	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
Vinyl chloride	ND	5.0	5.0	ug/L	20	12/25/15	M/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	20	12/25/15	M/P	70 - 130 %
% Bromofluorobenzene	129			%	20	12/25/15	M/P	70 - 130 %
% Dibromofluoromethane	100			%	20	12/25/15	M/P	70 - 130 %
% Toluene-d8	101			%	20	12/25/15	M/P	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/29/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/29/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/29/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/29/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/29/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/29/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/29/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/29/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/29/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	123			%	1	12/29/15	DD	15 - 110 %
% 2-Fluorobiphenyl	80			%	1	12/29/15	DD	30 - 130 %
% 2-Fluorophenol	68			%	1	12/29/15	DD	15 - 110 %
% Nitrobenzene-d5	96			%	1	12/29/15	DD	30 - 130 %
% Phenol-d5	79			%	1	12/29/15	DD	15 - 110 %
% Terphenyl-d14	75			%	1	12/29/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benz(a)anthracene	0.24	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(a)pyrene	0.27	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	0.25	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	0.15	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	0.20	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	2.5	1.0	1.0	ug/L	1	12/28/15	DD	SW8270D (SIM)
Chrysene	0.23	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	0.04	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	0.14	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/28/15	DD	SW8270D (SIM)
Phenanthrene	0.45	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	115			%	1	12/28/15	DD	15 - 110 %
% 2-Fluorobiphenyl	72			%	1	12/28/15	DD	30 - 130 %
% 2-Fluorophenol	83			%	1	12/28/15	DD	15 - 110 %
% Nitrobenzene-d5	85			%	1	12/28/15	DD	30 - 130 %
% Phenol-d5	69			%	1	12/28/15	DD	15 - 110 %
% Terphenyl-d14	110			%	1	12/28/15	DD	30 - 130 %

Client ID: 15 MW 7

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

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, a bias is possible.

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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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.

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.

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.

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.

Pesticide Comment:

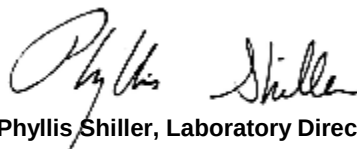
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

Volatile Comment:

Due to the presence of a large amount of non-target petroleum material, this sample required a dilution. 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

January 19, 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

January 19, 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: GS
Received by: SW
Analyzed by: see "By" below

Date

12/23/15

Time

16:24

Laboratory Data

SDG ID: GBK43852
Phoenix ID: BK43854

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: 15 MW 8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.005	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Aluminum	0.093	N 0.010	0.0024	mg/L	1	12/29/15	LK	SW6010C
Arsenic - LDL	0.028	0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Barium	0.304	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Beryllium	< 0.001	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Calcium	122	0.010	0.003	mg/L	1	12/29/15	LK	SW6010C
Cadmium	< 0.004	0.004	0.0005	mg/L	1	12/29/15	LK	SW6010C
Cobalt	0.001	B 0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Chromium	< 0.001	0.001	0.001	mg/L	1	12/29/15	LK	SW6010C
Copper	< 0.005	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Aluminum (Dissolved)	0.49	* 0.11	0.026	mg/L	10	12/29/15	K	SW6010C
Arsenic, (Dissolved)	0.008	0.003	0.001	mg/L	1	12/29/15	K	SW6010C
Barium (Dissolved)	0.187	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Calcium (Dissolved)	114	0.01	0.003	mg/L	1	12/29/15	K	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/29/15	K	SW6010C
Cobalt, (Dissolved)	0.002	B 0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/29/15	K	SW6010C
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Iron, (Dissolved)	5.27	0.01	0.01	mg/L	1	12/29/15	K	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/28/15	RS	SW7470A
Potassium (Dissolved)	24.0	0.1	0.1	mg/L	1	12/29/15	K	SW6010C
Magnesium (Dissolved)	22.6	0.01	0.001	mg/L	1	12/29/15	K	SW6010C
Manganese, (Dissolved)	0.261	0.005	0.001	mg/L	1	12/29/15	K	SW6010C
Sodium (Dissolved)	74.7	1.1	1.1	mg/L	10	12/29/15	LK	SW6010C
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	1	12/29/15	K	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/29/15	K	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/29/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/29/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Zinc, (Dissolved)	0.002	B 0.011	0.001	mg/L	1	12/29/15	K	SW6010C
Iron	25.3	0.01	0.01	mg/L	1	12/29/15	LK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/24/15	MA	SW7470A
Potassium	25.2	0.1	0.1	mg/L	1	12/29/15	LK	SW6010C
Magnesium	23.4	0.01	0.001	mg/L	1	12/29/15	LK	SW6010C
Manganese	0.278	0.005	0.001	mg/L	1	12/29/15	LK	SW6010C
Sodium	77.0	1.0	1.0	mg/L	10	12/29/15	LK	SW6010C
Nickel	0.002	B 0.004	0.001	mg/L	1	12/29/15	LK	SW6010C
Lead	0.010	0.002	0.001	mg/L	1	12/29/15	LK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/29/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/29/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/28/15	RS	SW7010
Vanadium	< 0.010	0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Zinc	0.008	B 0.010	0.001	mg/L	1	12/29/15	LK	SW6010C
Filtration	Completed					12/23/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/28/15	W/W	SW7470A
Mercury Digestion	Completed					12/24/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/28/15	B	SW3510C
Extraction for Pest (2 Liter)	Completed					12/23/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/23/15	E/I	SW3520C
Dissolved Metals Preparation	Completed					12/23/15	AG	SW3005A
Total Metals Digestion	Completed					12/23/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/30/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/30/15	CE	SW8081B
Aldrin	ND	0.003	0.003	ug/L	1	12/30/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/30/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/30/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/30/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/30/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/30/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/30/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/30/15	CE	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.25	0.25	ug/L	1	12/30/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	53			%	1	12/30/15	CE	SW8081B
%TCMX (Surrogate Rec)	78			%	1	12/30/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/24/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	60			%	1	12/24/15	AW	30 - 150 %
% TCMX	71			%	1	12/24/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,1-Dichloropropene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2,3-Trichloropropane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/L	2	12/28/15	MH	SW8260C
1,2-Dibromoethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2-Dichloroethane	ND	0.5	0.50	ug/L	2	12/28/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,3-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,3-Dichloropropane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
1,4-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
2,2-Dichloropropane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
2-Chlorotoluene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
2-Hexanone	ND	5.0	5.0	ug/L	2	12/28/15	MH	SW8260C
2-Isopropyltoluene	11	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
4-Chlorotoluene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	5.0	ug/L	2	12/28/15	MH	SW8260C
Acetone	7.3	JS 10	5.0	ug/L	2	12/28/15	MH	SW8260C
Acrolein	ND	5.0	5.0	ug/L	2	12/28/15	MH	SW8260C
Acrylonitrile	ND	5.0	5.0	ug/L	2	12/28/15	MH	SW8260C
Benzene	ND	0.5	0.50	ug/L	2	12/28/15	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Bromochloromethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Bromodichloromethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Bromoform	ND	10	0.50	ug/L	2	12/28/15	MH	SW8260C
Bromomethane	ND	5.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Carbon Disulfide	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Carbon tetrachloride	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Chloroethane	ND	5.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Chloroform	ND	7.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Chloromethane	ND	5.0	0.50	ug/L	2	12/28/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.4	0.50	ug/L	2	12/28/15	MH	SW8260C
Dibromochloromethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Dibromomethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Dichlorodifluoromethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Ethylbenzene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Hexachlorobutadiene	ND	0.5	0.40	ug/L	2	12/28/15	MH	SW8260C
Isopropylbenzene	37	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
m&p-Xylene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Methyl ethyl ketone	5.8	5.0	5.0	ug/L	2	12/28/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	5.7	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Methylene chloride	ND	5.0	2.0	ug/L	2	12/28/15	MH	SW8260C
Naphthalene	ND	2.0	2.0	ug/L	2	12/28/15	MH	SW8260C
n-Butylbenzene	11	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
n-Propylbenzene	59	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
o-Xylene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
p-Isopropyltoluene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
sec-Butylbenzene	24	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Styrene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
tert-Butylbenzene	5.7	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Tetrachloroethene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	10	5.0	ug/L	2	12/28/15	MH	SW8260C
Toluene	1.7	J 2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/L	2	12/28/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.4	0.50	ug/L	2	12/28/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	5.0	ug/L	2	12/28/15	MH	SW8260C
Trichloroethene	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Trichlorofluoromethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Trichlorotrifluoroethane	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
Vinyl chloride	ND	2.0	0.50	ug/L	2	12/28/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	2	12/28/15	MH	70 - 130 %
% Bromofluorobenzene	106			%	2	12/28/15	MH	70 - 130 %
% Dibromofluoromethane	103			%	2	12/28/15	MH	70 - 130 %
% Toluene-d8	101			%	2	12/28/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/29/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/29/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/29/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/29/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/29/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/29/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/29/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/29/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/29/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/29/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/29/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/29/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/29/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/29/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/29/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	115			%	1	12/29/15	DD	15 - 110 %
% 2-Fluorobiphenyl	73			%	1	12/29/15	DD	30 - 130 %
% 2-Fluorophenol	57			%	1	12/29/15	DD	15 - 110 %
% Nitrobenzene-d5	116			%	1	12/29/15	DD	30 - 130 %
% Phenol-d5	67			%	1	12/29/15	DD	15 - 110 %
% Terphenyl-d14	85			%	1	12/29/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benz(a)anthracene	0.03	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/28/15	DD	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/28/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/28/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/28/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/28/15	DD	SW8270D (SIM)
Phenanthrene	0.11	0.10	0.10	ug/L	1	12/28/15	DD	SW8270D (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	127			%	1	12/28/15	DD	15 - 110 %
% 2-Fluorobiphenyl	82			%	1	12/28/15	DD	30 - 130 %
% 2-Fluorophenol	64			%	1	12/28/15	DD	15 - 110 %
% Nitrobenzene-d5	71			%	1	12/28/15	DD	30 - 130 %
% Phenol-d5	63			%	1	12/28/15	DD	15 - 110 %
% Terphenyl-d14	106			%	1	12/28/15	DD	30 - 130 %

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

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, a bias is possible.

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:

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.

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.

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.

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.

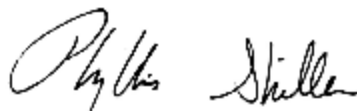
Volatile Comment:

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

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

January 19, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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QA/QC Report

January 19, 2016

QA/QC Data

SDG I.D.: GBK43852

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 330554 (mg/L), QC Sample No: BK43568 (BK43852, BK43853, BK43854)

Mercury - Water	BRL	0.0002	<0.008	<0.0002	NC	93.4	91.9	1.6	87.0	89.4	2.7	75 - 125	20

QA/QC Batch 330534 (mg/L), QC Sample No: BK43848 (BK43852, BK43853, BK43854)

ICP Metals - Aqueous

Aluminum	BRL	0.010	0.282	0.302	6.80	95.1	96.1	1.0	>130	>130	NC	80 - 120	20	m
Arsenic	BRL	0.004	0.001	0.004	NC	96.6	96.3	0.3	101	103	2.0	80 - 120	20	
Barium	BRL	0.002	0.324	0.393	19.2	104	104	0.0	97.4	97.2	0.2	80 - 120	20	
Beryllium	BRL	0.001	<0.001	<0.001	NC	103	103	0.0	104	106	1.9	80 - 120	20	
Cadmium	BRL	0.001	<0.004	<0.001	NC	98.8	99.1	0.3	94.1	96.1	2.1	80 - 120	20	
Calcium	BRL	0.010	257	238	7.70	99.5	98.3	1.2	NC	NC	NC	80 - 120	20	
Chromium	BRL	0.001	<0.001	<0.001	NC	98.6	98.9	0.3	96.4	98.6	2.3	80 - 120	20	
Cobalt	BRL	0.002	<0.005	<0.002	NC	102	102	0.0	97.1	99.3	2.2	80 - 120	20	
Copper	BRL	0.005	<0.005	0.003	NC	99.4	98.6	0.8	101	102	1.0	80 - 120	20	
Iron	BRL	0.010	0.03	5.90	NC	101	102	1.0	NC	NC	NC	80 - 120	20	
Lead	BRL	0.002	0.001	0.023	NC	98.3	99.3	1.0	93.9	96.0	2.2	80 - 120	20	
Magnesium	BRL	0.01	19.6	19.6	0	99.5	100	0.5	NC	NC	NC	80 - 120	20	
Manganese	BRL	0.001	1.21	1.21	0	100	100	0.0	97.2	98.4	1.2	80 - 120	20	
Nickel	0.001	0.001	0.003	0.002	NC	98.5	98.8	0.3	92.8	95.0	2.3	80 - 120	20	
Potassium	BRL	0.1	28.1	28.1	0	102	102	0.0	NC	NC	NC	80 - 120	20	
Silver	BRL	0.001	<0.005	<0.001	NC	98.4	97.9	0.5	102	104	1.9	70 - 130	30	
Sodium	BRL	0.1	203	206	1.50	104	105	1.0	NC	NC	NC	80 - 120	20	
Vanadium	BRL	0.002	<0.011	<0.002	NC	100	99.2	0.8	101	103	2.0	80 - 120	20	
Zinc	BRL	0.002	0.009	0.059	NC	97.8	98.1	0.3	99.4	101	1.6	80 - 120	20	

QA/QC Batch 330537 (mg/L), QC Sample No: BK43848 (BK43852, BK43853, BK43854)

ICP Metals - Dissolved

Aluminum	BRL	0.011	0.73	0.14	136	87.0	89.0	2.3	96.4	94.8	1.7	80 - 120	20	r
Arsenic	BRL	0.004	0.001	<0.004	NC	88.1	91.3	3.6	98.4	98.3	0.1	80 - 120	20	
Barium	BRL	0.002	0.324	0.323	0.30	95.4	97.9	2.6	97.6	97.2	0.4	80 - 120	20	
Beryllium	BRL	0.001	<0.001	<0.001	NC	93.7	95.1	1.5	99.5	99.8	0.3	80 - 120	20	
Cadmium	BRL	0.001	<0.004	<0.001	NC	88.5	91.7	3.6	90.6	90.6	0.0	80 - 120	20	
Calcium	BRL	0.01	257	242	6.00	89.6	91.2	1.8	NC	NC	NC	80 - 120	20	
Chromium	BRL	0.001	<0.001	<0.001	NC	89.1	91.6	2.8	92.7	93.0	0.3	80 - 120	20	
Cobalt	BRL	0.001	<0.005	<0.001	NC	91.8	94.7	3.1	93.2	93.4	0.2	80 - 120	20	
Copper	BRL	0.005	<0.005	<0.005	NC	91.9	93.7	1.9	97.1	97.2	0.1	80 - 120	20	
Iron	BRL	0.011	0.03	0.031	NC	91.6	94.4	3.0	94.1	94.2	0.1	80 - 120	20	
Lead	BRL	0.002	0.001	<0.002	NC	88.9	91.6	3.0	89.4	89.9	0.6	80 - 120	20	
Magnesium	BRL	0.01	19.6	19.3	1.50	89.8	92.8	3.3	NC	NC	NC	80 - 120	20	
Manganese	BRL	0.001	1.21	1.20	0.80	90.0	92.9	3.2	90.2	90.2	0.0	80 - 120	20	
Nickel	BRL	0.001	0.003	<0.001	NC	88.8	91.6	3.1	89.4	89.6	0.2	80 - 120	20	
Potassium	BRL	0.1	28.1	27.7	1.40	95.9	98.4	2.6	NC	NC	NC	80 - 120	20	
Silver	BRL	0.001	<0.005	<0.001	NC	89.7	91.6	2.1	97.0	96.9	0.1	70 - 130	30	
Sodium	BRL	0.11	212	212	0	99.1	101	1.9	NC	NC	NC	80 - 120	20	

QA/QC Data

SDG I.D.: GBK43852

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Vanadium	BRL	0.002	<0.011	<0.002	NC	90.5	92.4	2.1	96.1	95.8	0.3	80 - 120	20
Zinc	BRL	0.002	0.009	0.008	NC	89.2	91.7	2.8	94.2	94.6	0.4	80 - 120	20
QA/QC Batch 330555 (mg/L), QC Sample No: BK43848 (BK43852, BK43853, BK43854)													
Mercury (Dissolved)	BRL	0.0002	<0.0002	<0.0003	NC	102	94.2	8.0	92.5	91.8	0.8	75 - 125	20
QA/QC Batch 330536 (mg/L), QC Sample No: BK43848 (BK43852, BK43853, BK43854)													
Antimony (Dissolved)-LDL	BRL	0.005	<0.002	<0.005	NC	114	114	0.0	124	128	3.2	75 - 125	20 m
Selenium (Dissolved)	BRL	0.002	<0.002	0.004	NC	109	109	0.0	108	110	1.8	75 - 125	20
Thallium (Dissolved)	BRL	0.002	<0.0005	<0.002	NC	112	112	0.0	90.2	90.9	0.8	75 - 125	20
QA/QC Batch 330533 (mg/L), QC Sample No: BK43848 (BK43852, BK43853, BK43854)													
Antimony - Water	BRL	0.003	<0.003	<0.003	NC	106	112	5.5	117	120	2.5	75 - 125	20
Selenium - Water	BRL	0.005	<0.002	0.001 B	NC	108	110	1.8	110	108	1.8	75 - 125	20
Thallium - Water	BRL	0.001	<0.0005	<0.001	NC	102	110	7.5	104	92.4	11.8	75 - 125	20

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.



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QA/QC Report

January 19, 2016

QA/QC Data

SDG I.D.: GBK43852

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 330738 (ug/L), QC Sample No: BK43846 (BK43854 (2X))										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	108	108	0.0				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	111	110	0.9				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	100	101	1.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	99	101	2.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	107	106	0.9				70 - 130	30
1,1-Dichloroethene	ND	1.0	112	110	1.8				70 - 130	30
1,1-Dichloropropene	ND	1.0	113	112	0.9				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	98	100	2.0				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	102	102	0.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	102	106	3.8				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	109	108	0.9				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	100	101	1.0				70 - 130	30
1,2-Dibromoethane	ND	1.0	102	103	1.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	104	104	0.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	101	102	1.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	105	104	1.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	111	109	1.8				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	106	105	0.9				70 - 130	30
1,3-Dichloropropane	ND	1.0	102	104	1.9				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	105	105	0.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	118	114	3.4				70 - 130	30
2-Chlorotoluene	ND	1.0	111	109	1.8				70 - 130	30
2-Hexanone	ND	5.0	94	94	0.0				70 - 130	30
2-Isopropyltoluene	ND	1.0	113	111	1.8				70 - 130	30
4-Chlorotoluene	ND	1.0	107	105	1.9				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	92	95	3.2				70 - 130	30
Acetone	ND	5.0	90	90	0.0				70 - 130	30
Acrolein	ND	5.0	96	96	0.0				70 - 130	30
Acrylonitrile	ND	5.0	99	104	4.9				70 - 130	30
Benzene	ND	0.70	108	107	0.9				70 - 130	30
Bromobenzene	ND	1.0	106	108	1.9				70 - 130	30
Bromochloromethane	ND	1.0	103	104	1.0				70 - 130	30
Bromodichloromethane	ND	0.50	107	110	2.8				70 - 130	30
Bromoform	ND	1.0	102	105	2.9				70 - 130	30
Bromomethane	ND	1.0	143	137	4.3				70 - 130	30
Carbon Disulfide	ND	1.0	115	113	1.8				70 - 130	30
Carbon tetrachloride	ND	1.0	116	112	3.5				70 - 130	30
Chlorobenzene	ND	1.0	105	105	0.0				70 - 130	30
Chloroethane	ND	1.0	114	112	1.8				70 - 130	30
Chloroform	ND	1.0	106	105	0.9				70 - 130	30
Chloromethane	ND	1.0	124	119	4.1				70 - 130	30

QA/QC Data

SDG I.D.: GBK43852

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,2-Dichloroethene	ND	1.0	108	103	4.7				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	101	103	2.0				70 - 130	30
Dibromochloromethane	ND	0.50	104	108	3.8				70 - 130	30
Dibromomethane	ND	1.0	97	101	4.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	141	141	0.0				70 - 130	30
Ethylbenzene	ND	1.0	111	110	0.9				70 - 130	30
Hexachlorobutadiene	ND	0.40	116	113	2.6				70 - 130	30
Isopropylbenzene	ND	1.0	112	109	2.7				70 - 130	30
m&p-Xylene	ND	1.0	111	108	2.7				70 - 130	30
Methyl ethyl ketone	ND	5.0	96	97	1.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	101	102	1.0				70 - 130	30
Methylene chloride	ND	1.0	112	111	0.9				70 - 130	30
Naphthalene	ND	1.0	101	106	4.8				70 - 130	30
n-Butylbenzene	ND	1.0	115	112	2.6				70 - 130	30
n-Propylbenzene	ND	1.0	110	107	2.8				70 - 130	30
o-Xylene	ND	1.0	111	109	1.8				70 - 130	30
p-Isopropyltoluene	ND	1.0	117	114	2.6				70 - 130	30
sec-Butylbenzene	ND	1.0	117	114	2.6				70 - 130	30
Styrene	ND	1.0	109	109	0.0				70 - 130	30
tert-Butylbenzene	ND	1.0	113	112	0.9				70 - 130	30
Tetrachloroethene	ND	1.0	111	112	0.9				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	94	100	6.2				70 - 130	30
Toluene	ND	1.0	108	106	1.9				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	114	111	2.7				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	103	105	1.9				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	101	105	3.9				70 - 130	30
Trichloroethene	ND	1.0	110	107	2.8				70 - 130	30
Trichlorofluoromethane	ND	1.0	119	114	4.3				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	116	112	3.5				70 - 130	30
Vinyl chloride	ND	1.0	125	123	1.6				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	98	100	2.0				70 - 130	30
% Bromofluorobenzene	96	%	101	101	0.0				70 - 130	30
% Dibromofluoromethane	100	%	99	100	1.0				70 - 130	30
% Toluene-d8	101	%	100	101	1.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 330682 (ug/L), QC Sample No: BK43848 (BK43852, BK43853, BK43854)

Pesticides - Ground Water

4,4' -DDD	ND	0.003	81	85	4.8				30 - 150	20
4,4' -DDE	ND	0.003	74	77	4.0				40 - 140	30
4,4' -DDT	ND	0.003	82	86	4.8				30 - 150	20
a-BHC	ND	0.002	81	89	9.4				30 - 150	20
a-Chlordane	ND	0.005	77	82	6.3				30 - 150	20
Alachlor	ND	0.005	NA	NA	NC				30 - 150	20
Aldrin	ND	0.002	65	68	4.5				40 - 140	30
b-BHC	ND	0.002	73	79	7.9				30 - 150	20
Chlordane	ND	0.050	71	74	4.1				30 - 150	20
d-BHC	ND	0.005	78	82	5.0				30 - 150	20
Dieldrin	ND	0.002	80	84	4.9				40 - 140	30
Endosulfan I	ND	0.005	82	87	5.9				30 - 150	20
Endosulfan II	ND	0.005	80	84	4.9				30 - 150	20
Endosulfan sulfate	ND	0.005	78	81	3.8				40 - 140	30

QA/QC Data

SDG I.D.: GBK43852

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Endrin	ND	0.005	76	83	8.8				40 - 140	30
Endrin aldehyde	ND	0.005	76	79	3.9				30 - 150	20
Endrin ketone	ND	0.005	84	86	2.4				30 - 150	20
g-BHC	ND	0.002	81	88	8.3				40 - 140	30
g-Chlordane	ND	0.005	71	74	4.1				40 - 140	30
Heptachlor	ND	0.005	77	82	6.3				40 - 140	30
Heptachlor epoxide	ND	0.005	78	83	6.2				30 - 150	20
Methoxychlor	ND	0.005	79	84	6.1				30 - 150	20
Toxaphene	ND	0.20	NA	NA	NC				30 - 150	20
% DCBP	87	%	83	81	2.4				30 - 150	30
% TCMX	80	%	84	90	6.9				30 - 150	30

Comment:

A LCS and LCS duplicate were performed instead of a MS and MSD. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported as chlordane in the LCS and LCSD

QA/QC Batch 330543 (ug/L), QC Sample No: BK43848 (BK43852, BK43853, BK43854)

Polychlorinated Biphenyls - Ground Water

PCB-1016	ND	0.050	79	71	10.7	85	86	1.2	30 - 120	20
PCB-1221	ND	0.050							30 - 150	20
PCB-1232	ND	0.050							30 - 150	20
PCB-1242	ND	0.050							30 - 150	20
PCB-1248	ND	0.050							30 - 150	20
PCB-1254	ND	0.050							30 - 150	20
PCB-1260	ND	0.050	90	86	4.5	93	92	1.1	30 - 150	20
PCB-1262	ND	0.050							30 - 150	20
PCB-1268	ND	0.050							30 - 150	20
% DCBP (Surrogate Rec)	68	%	81	82	1.2	81	92	12.7	30 - 150	20
% TCMX (Surrogate Rec)	69	%	88	79	10.8	94	92	2.2	30 - 150	20

QA/QC Batch 330646 (ug/L), QC Sample No: BK43848 (BK43853 (20X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	101	105	3.9	94	81	14.9	70 - 130	30
1,1,1-Trichloroethane	ND	1.0	96	103	7.0	99	79	22.5	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	100	103	3.0	104	99	4.9	70 - 130	30
1,1,2-Trichloroethane	ND	1.0	98	98	0.0	95	85	11.1	70 - 130	30
1,1-Dichloroethane	ND	1.0	96	101	5.1	97	80	19.2	70 - 130	30
1,1-Dichloroethene	ND	1.0	97	101	4.0	101	80	23.2	70 - 130	30
1,1-Dichloropropene	ND	1.0	100	104	3.9	103	83	21.5	70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	110	105	4.7	89	87	2.3	70 - 130	30
1,2,3-Trichloropropane	ND	1.0	101	105	3.9	94	88	6.6	70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	111	105	5.6	96	90	6.5	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	102	107	4.8	96	83	14.5	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	110	98	11.5	95	96	1.0	70 - 130	30
1,2-Dibromoethane	ND	1.0	102	103	1.0	97	87	10.9	70 - 130	30
1,2-Dichlorobenzene	ND	1.0	100	102	2.0	92	83	10.3	70 - 130	30
1,2-Dichloroethane	ND	1.0	95	98	3.1	91	80	12.9	70 - 130	30
1,2-Dichloropropane	ND	1.0	98	102	4.0	96	81	16.9	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	102	109	6.6	97	85	13.2	70 - 130	30
1,3-Dichlorobenzene	ND	1.0	101	105	3.9	92	82	11.5	70 - 130	30
1,3-Dichloropropane	ND	1.0	100	101	1.0	93	84	10.2	70 - 130	30
1,4-Dichlorobenzene	ND	1.0	99	104	4.9	93	82	12.6	70 - 130	30
2,2-Dichloropropane	ND	1.0	107	110	2.8	89	70	23.9	70 - 130	30
2-Chlorotoluene	ND	1.0	101	110	8.5	97	84	14.4	70 - 130	30
2-Hexanone	ND	5.0	96	97	1.0	96	88	8.7	70 - 130	30

QA/QC Data

SDG I.D.: GBK43852

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
2-Isopropyltoluene	ND	1.0	103	109	5.7	99	87	12.9	70 - 130	30
4-Chlorotoluene	ND	1.0	99	105	5.9	94	80	16.1	70 - 130	30
4-Methyl-2-pentanone	ND	5.0	95	95	0.0	97	88	9.7	70 - 130	30
Acetone	ND	5.0	96	101	5.1	68	53	24.8	70 - 130	30
Acrolein	ND	5.0	95	95	0.0	76	70	8.2	70 - 130	30
Acrylonitrile	ND	5.0	99	102	3.0	92	88	4.4	70 - 130	30
Benzene	ND	0.70	99	104	4.9	99	82	18.8	70 - 130	30
Bromobenzene	ND	1.0	101	106	4.8	95	84	12.3	70 - 130	30
Bromochloromethane	ND	1.0	99	100	1.0	95	81	15.9	70 - 130	30
Bromodichloromethane	ND	0.50	101	107	5.8	95	83	13.5	70 - 130	30
Bromoform	ND	1.0	106	106	0.0	89	83	7.0	70 - 130	30
Bromomethane	ND	1.0	116	127	9.1	81	81	0.0	70 - 130	30
Carbon Disulfide	ND	1.0	105	107	1.9	107	86	21.8	70 - 130	30
Carbon tetrachloride	ND	1.0	97	102	5.0	97	78	21.7	70 - 130	30
Chlorobenzene	ND	1.0	98	102	4.0	94	80	16.1	70 - 130	30
Chloroethane	ND	1.0	98	109	10.6	103	84	20.3	70 - 130	30
Chloroform	ND	1.0	96	100	4.1	94	78	18.6	70 - 130	30
Chloromethane	ND	1.0	111	116	4.4	108	88	20.4	70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	97	102	5.0	96	79	19.4	70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	100	102	2.0	91	79	14.1	70 - 130	30
Dibromochloromethane	ND	0.50	105	106	0.9	94	83	12.4	70 - 130	30
Dibromomethane	ND	1.0	95	94	1.1	91	79	14.1	70 - 130	30
Dichlorodifluoromethane	ND	1.0	128	132	3.1	136	103	27.6	70 - 130	30
Ethylbenzene	ND	1.0	102	107	4.8	99	83	17.6	70 - 130	30
Hexachlorobutadiene	ND	0.40	112	107	4.6	94	86	8.9	70 - 130	30
Isopropylbenzene	ND	1.0	101	108	6.7	98	86	13.0	70 - 130	30
m&p-Xylene	ND	1.0	102	107	4.8	98	83	16.6	70 - 130	30
Methyl ethyl ketone	ND	5.0	100	94	6.2	95	96	1.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	99	99	0.0	99	87	12.9	70 - 130	30
Methylene chloride	ND	1.0	96	108	11.8	101	84	18.4	70 - 130	30
Naphthalene	ND	1.0	116	108	7.1	102	103	1.0	70 - 130	30
n-Butylbenzene	ND	1.0	105	111	5.6	98	87	11.9	70 - 130	30
n-Propylbenzene	ND	1.0	100	106	5.8	95	83	13.5	70 - 130	30
o-Xylene	ND	1.0	102	107	4.8	98	82	17.8	70 - 130	30
p-Isopropyltoluene	ND	1.0	106	111	4.6	101	89	12.6	70 - 130	30
sec-Butylbenzene	ND	1.0	104	111	6.5	100	88	12.8	70 - 130	30
Styrene	ND	1.0	104	106	1.9	98	84	15.4	70 - 130	30
tert-Butylbenzene	ND	1.0	101	109	7.6	98	85	14.2	70 - 130	30
Tetrachloroethene	ND	1.0	100	104	3.9	101	82	20.8	70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	93	93	0.0	89	83	7.0	70 - 130	30
Toluene	ND	1.0	98	104	5.9	100	79	23.5	70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	99	105	5.9	102	82	21.7	70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	101	102	1.0	91	81	11.6	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	113	113	0.0	76	71	6.8	70 - 130	30
Trichloroethene	ND	1.0	100	105	4.9	98	80	20.2	70 - 130	30
Trichlorofluoromethane	ND	1.0	96	100	4.1	103	81	23.9	70 - 130	30
Trichlorotrifluoroethane	ND	1.0	94	98	4.2	102	79	25.4	70 - 130	30
Vinyl chloride	ND	1.0	105	115	9.1	114	91	22.4	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	99	100	1.0	102	100	2.0	70 - 130	30
% Bromofluorobenzene	95	%	102	100	2.0	116	112	3.5	70 - 130	30
% Dibromofluoromethane	101	%	97	96	1.0	98	96	2.1	70 - 130	30
% Toluene-d8	100	%	101	100	1.0	101	100	1.0	70 - 130	30

QA/QC Data

SDG I.D.: GBK43852

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 330520 (ug/L), QC Sample No: BK43848 (BK43852, BK43853, BK43854)											
<u>Semivolatiles (SIM) - Ground Water</u>											
1,2,4,5-Tetrachlorobenzene	ND	0.50	94	112	17.5	74	100	29.9	30 - 130	20	r
Acenaphthylene	ND	0.02	94	118	22.6	78	101	25.7	30 - 130	20	r
Benz(a)anthracene	ND	0.02	88	110	22.2	71	98	32.0	30 - 130	20	r
Benzo(a)pyrene	ND	0.02	86	107	21.8	65	95	37.5	30 - 130	20	r
Benzo(b)fluoranthene	ND	0.02	87	112	25.1	64	94	38.0	30 - 130	20	r
Benzo(ghi)perylene	ND	0.02	96	126	27.0	83	104	22.5	30 - 130	20	r
Benzo(k)fluoranthene	ND	0.02	90	109	19.1	68	95	33.1	30 - 130	20	r
Bis(2-ethylhexyl)phthalate	ND	0.10	83	105	23.4	70	86	20.5	30 - 130	20	r
Chrysene	ND	0.02	89	111	22.0	72	98	30.6	30 - 130	20	r
Dibenz(a,h)anthracene	ND	0.01	101	129	24.3	87	110	23.4	30 - 130	20	r
Hexachlorobenzene	ND	0.02	103	128	21.6	83	113	30.6	30 - 130	20	r
Hexachlorobutadiene	ND	0.05	95	110	14.6	74	98	27.9	30 - 130	20	r
Hexachloroethane	ND	0.05	70	97	32.3	58	79	30.7	30 - 130	20	r
Indeno(1,2,3-cd)pyrene	ND	0.02	95	97	2.1	65	83	24.3	30 - 130	20	r
Nitrobenzene	ND	0.05	88	131	39.3	89	95	6.5	30 - 130	20	l,r
Pentachloronitrobenzene	ND	0.10	81	100	21.0	70	92	27.2	30 - 130	20	r
Pentachlorophenol	ND	0.20	66	75	12.8	67	112	50.3	30 - 130	20	r
Phenanthrene	ND	0.02	93	114	20.3	74	102	31.8	30 - 130	20	r
% 2,4,6-Tribromophenol	93	%	123	136	10.0	95	134	34.1	15 - 110	20	l,m,r
% 2-Fluorobiphenyl	81	%	82	109	28.3	73	82	11.6	30 - 130	20	r
% 2-Fluorophenol	71	%	72	81	11.8	63	65	3.1	15 - 110	20	
% Nitrobenzene-d5	88	%	73	98	29.2	62	86	32.4	30 - 130	20	r
% Phenol-d5	76	%	80	90	11.8	64	56	13.3	15 - 110	20	
% Terphenyl-d14	103	%	112	136	19.4	81	121	39.6	30 - 130	20	l,r
QA/QC Batch 330520 (ug/L), QC Sample No: BK43848 (BK43852, BK43853, BK43854)											
<u>Semivolatiles - Ground Water</u>											
1,2,4-Trichlorobenzene	ND	3.5	90	81	10.5	79	85	7.3	30 - 130	20	
1,2-Dichlorobenzene	ND	1.0	86	79	8.5	71	85	17.9	30 - 130	20	
1,2-Diphenylhydrazine	ND	1.6	89	93	4.4	87	98	11.9	30 - 130	20	
1,3-Dichlorobenzene	ND	1.0	83	77	7.5	71	82	14.4	30 - 130	20	
1,4-Dichlorobenzene	ND	1.0	79	74	6.5	66	78	16.7	30 - 130	20	
2,4,5-Trichlorophenol	ND	1.0	93	91	2.2	97	103	6.0	30 - 130	20	
2,4,6-Trichlorophenol	ND	1.0	94	92	2.2	84	90	6.9	30 - 130	20	
2,4-Dichlorophenol	ND	1.0	95	88	7.7	86	90	4.5	30 - 130	20	
2,4-Dimethylphenol	ND	1.0	93	89	4.4	81	96	16.9	30 - 130	20	
2,4-Dinitrophenol	ND	1.0	99	99	0.0	99	106	6.8	30 - 130	20	
2,4-Dinitrotoluene	ND	3.5	103	101	2.0	93	105	12.1	30 - 130	20	m
2,6-Dinitrotoluene	ND	3.5	91	91	0.0	86	94	8.9	30 - 130	20	
2-Chloronaphthalene	ND	3.5	89	88	1.1	84	92	9.1	30 - 130	20	
2-Chlorophenol	ND	1.0	82	79	3.7	75	79	5.2	30 - 130	20	
2-Methylnaphthalene	ND	3.5	94	89	5.5	83	93	11.4	30 - 130	20	
2-Methylphenol (o-cresol)	ND	1.0	87	81	7.1	79	91	14.1	30 - 130	20	
2-Nitroaniline	ND	3.5	103	103	0.0	33	85	88.1	30 - 130	20	r
2-Nitrophenol	ND	1.0	97	94	3.1	92	96	4.3	30 - 130	20	
3&4-Methylphenol (m&p-cresol)	ND	1.0	92	87	5.6	79	86	8.5	30 - 130	20	
3,3'-Dichlorobenzidine	ND	5.0	41	39	5.0	<10	<10	NC	30 - 130	20	m
3-Nitroaniline	ND	5.0	90	91	1.1	41	61	39.2	30 - 130	20	r
4,6-Dinitro-2-methylphenol	ND	1.0	109	109	0.0	99	108	8.7	30 - 130	20	
4-Bromophenyl phenyl ether	ND	3.5	91	91	0.0	81	95	15.9	30 - 130	20	
4-Chloro-3-methylphenol	ND	1.0	98	96	2.1	91	96	5.3	30 - 130	20	

QA/QC Data

SDG I.D.: GBK43852

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Chloroaniline	ND	3.5	90	83	8.1	52	68	26.7	30 - 130	20	r
4-Chlorophenyl phenyl ether	ND	1.0	92	90	2.2	85	95	11.1	30 - 130	20	
4-Nitroaniline	ND	5.0	93	98	5.2	57	97	51.9	30 - 130	20	r
4-Nitrophenol	ND	1.0	103	106	2.9	106	122	14.0	30 - 130	20	m
Acenaphthene	ND	1.5	94	90	4.3	87	95	8.8	30 - 130	20	
Acetophenone	ND	3.5	84	81	3.6	73	88	18.6	30 - 130	20	
Aniline	ND	3.5	86	50	52.9	50	67	29.1	30 - 130	20	r
Anthracene	ND	1.5	88	91	3.4	78	93	17.5	30 - 130	20	
Benzidine	ND	4.5	186	<10	NC	<10	<10	NC	30 - 130	20	l,m
Benzoic acid	ND	10	82	92	11.5	102	95	7.1	30 - 130	20	
Benzyl butyl phthalate	ND	1.5	85	90	5.7	76	88	14.6	30 - 130	20	
Bis(2-chloroethoxy)methane	ND	3.5	94	92	2.2	83	93	11.4	30 - 130	20	
Bis(2-chloroethyl)ether	ND	1.0	76	72	5.4	67	81	18.9	30 - 130	20	
Bis(2-chloroisopropyl)ether	ND	1.0	73	68	7.1	65	77	16.9	30 - 130	20	
Carbazole	ND	5.0	90	93	3.3	78	91	15.4	30 - 130	20	
Dibenzofuran	ND	3.5	93	91	2.2	89	97	8.6	30 - 130	20	
Diethyl phthalate	ND	1.5	98	99	1.0	95	104	9.0	30 - 130	20	
Dimethylphthalate	ND	1.5	94	94	0.0	90	99	9.5	30 - 130	20	
Di-n-butylphthalate	ND	1.5	95	99	4.1	82	94	13.6	30 - 130	20	
Di-n-octylphthalate	ND	1.5	93	95	2.1	79	94	17.3	30 - 130	20	
Fluoranthene	ND	1.5	94	96	2.1	80	91	12.9	30 - 130	20	
Fluorene	ND	1.5	93	90	3.3	86	97	12.0	30 - 130	20	
Hexachlorocyclopentadiene	ND	3.5	62	54	13.8	22	30	30.8	30 - 130	20	m,r
Isophorone	ND	3.5	90	89	1.1	83	94	12.4	30 - 130	20	
Naphthalene	ND	1.5	90	84	6.9	81	87	7.1	30 - 130	20	
N-Nitrosodimethylamine	ND	1.0	71	70	1.4	55	59	7.0	30 - 130	20	
N-Nitrosodi-n-propylamine	ND	3.5	92	89	3.3	84	104	21.3	30 - 130	20	r
N-Nitrosodiphenylamine	ND	3.5	89	89	0.0	89	99	10.6	30 - 130	20	
Phenol	ND	1.0	81	76	6.4	71	58	20.2	30 - 130	20	
Pyrene	ND	1.5	99	97	2.0	81	91	11.6	30 - 130	20	
Pyridine	ND	5.0	63	52	19.1	41	52	23.7	30 - 130	20	r
% 2,4,6-Tribromophenol	87	%	89	94	5.5	83	100	18.6	15 - 110	20	
% 2-Fluorobiphenyl	86	%	86	83	3.6	78	85	8.6	30 - 130	20	
% 2-Fluorophenol	59	%	70	65	7.4	56	53	5.5	15 - 110	20	
% Nitrobenzene-d5	94	%	87	89	2.3	79	95	18.4	30 - 130	20	
% Phenol-d5	68	%	82	77	6.3	67	54	21.5	15 - 110	20	r
% Terphenyl-d14	91	%	106	104	1.9	85	96	12.2	30 - 130	20	

QA/QC Batch 330588 (ug/L), QC Sample No: BK43903 (BK43852 (2X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	99	105	5.9				70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	88	95	7.7				70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	101	108	6.7				70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	95	102	7.1				70 - 130	30	
1,1-Dichloroethane	ND	1.0	91	96	5.3				70 - 130	30	
1,1-Dichloroethene	ND	1.0	100	106	5.8				70 - 130	30	
1,1-Dichloropropene	ND	1.0	94	97	3.1				70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	100	108	7.7				70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	100	104	3.9				70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	101	106	4.8				70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	97	100	3.0				70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	106	102	3.8				70 - 130	30	
1,2-Dibromoethane	ND	1.0	100	105	4.9				70 - 130	30	

QA/QC Data

SDG I.D.: GBK43852

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dichlorobenzene	ND	1.0	97	102	5.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	94	101	7.2				70 - 130	30
1,2-Dichloropropane	ND	1.0	95	98	3.1				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	98	100	2.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	99	101	2.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	98	102	4.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	97	99	2.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	83	86	3.6				70 - 130	30
2-Chlorotoluene	ND	1.0	98	100	2.0				70 - 130	30
2-Hexanone	ND	5.0	90	95	5.4				70 - 130	30
2-Isopropyltoluene	ND	1.0	99	101	2.0				70 - 130	30
4-Chlorotoluene	ND	1.0	94	97	3.1				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	92	96	4.3				70 - 130	30
Acetone	ND	5.0	102	112	9.3				70 - 130	30
Acrolein	ND	5.0	104	107	2.8				70 - 130	30
Acrylonitrile	ND	5.0	101	107	5.8				70 - 130	30
Benzene	ND	0.70	93	98	5.2				70 - 130	30
Bromobenzene	ND	1.0	98	102	4.0				70 - 130	30
Bromochloromethane	ND	1.0	95	102	7.1				70 - 130	30
Bromodichloromethane	ND	0.50	97	104	7.0				70 - 130	30
Bromoform	ND	1.0	100	111	10.4				70 - 130	30
Bromomethane	ND	1.0	92	99	7.3				70 - 130	30
Carbon Disulfide	ND	1.0	99	104	4.9				70 - 130	30
Carbon tetrachloride	ND	1.0	89	94	5.5				70 - 130	30
Chlorobenzene	ND	1.0	95	101	6.1				70 - 130	30
Chloroethane	ND	1.0	93	98	5.2				70 - 130	30
Chloroform	ND	1.0	90	96	6.5				70 - 130	30
Chloromethane	ND	1.0	88	90	2.2				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	89	99	10.6				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	94	97	3.1				70 - 130	30
Dibromochloromethane	ND	0.50	102	109	6.6				70 - 130	30
Dibromomethane	ND	1.0	94	98	4.2				70 - 130	30
Dichlorodifluoromethane	ND	1.0	94	99	5.2				70 - 130	30
Ethylbenzene	ND	1.0	96	101	5.1				70 - 130	30
Hexachlorobutadiene	ND	0.40	98	102	4.0				70 - 130	30
Isopropylbenzene	ND	1.0	95	97	2.1				70 - 130	30
m&p-Xylene	ND	1.0	94	100	6.2				70 - 130	30
Methyl ethyl ketone	ND	5.0	95	96	1.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	89	96	7.6				70 - 130	30
Methylene chloride	ND	1.0	120	121	0.8				70 - 130	30
Naphthalene	ND	1.0	102	111	8.5				70 - 130	30
n-Butylbenzene	ND	1.0	98	98	0.0				70 - 130	30
n-Propylbenzene	ND	1.0	94	94	0.0				70 - 130	30
o-Xylene	ND	1.0	97	101	4.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	98	100	2.0				70 - 130	30
sec-Butylbenzene	ND	1.0	97	99	2.0				70 - 130	30
Styrene	ND	1.0	99	106	6.8				70 - 130	30
tert-Butylbenzene	ND	1.0	95	97	2.1				70 - 130	30
Tetrachloroethene	ND	1.0	87	90	3.4				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	93	101	8.2				70 - 130	30
Toluene	ND	1.0	92	95	3.2				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	95	100	5.1				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	94	98	4.2				70 - 130	30

QA/QC Data

SDG I.D.: GBK43852

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
trans-1,4-dichloro-2-butene	ND	5.0	92	96	4.3				70 - 130	30
Trichloroethene	ND	1.0	92	96	4.3				70 - 130	30
Trichlorofluoromethane	ND	1.0	84	89	5.8				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	86	95	9.9				70 - 130	30
Vinyl chloride	ND	1.0	95	102	7.1				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	99	99	0.0				70 - 130	30
% Bromofluorobenzene	93	%	98	99	1.0				70 - 130	30
% Dibromofluoromethane	100	%	100	98	2.0				70 - 130	30
% Toluene-d8	98	%	100	99	1.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

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

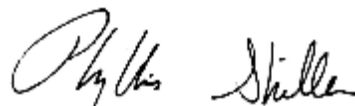
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director
January 19, 2016

Sample Criteria Exceedences Report

GBK43852 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK43852	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.0006	0.0006	ug/L
BK43852	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BK43852	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BK43852	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	1.4	0.02	0.002	0.002	ug/L
BK43852	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.73	0.02	0.002	0.002	ug/L
BK43852	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	1.7	0.02	0.002	0.002	ug/L
BK43852	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	1.4	0.02	0.002	0.002	ug/L
BK43852	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	1.7	0.02	0.002	0.002	ug/L
BK43852	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	1.9	0.02	0.002	0.002	ug/L
BK43852	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	1.4	0.02	0.002	0.002	ug/L
BK43852	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	1.9	0.02	0.002	0.002	ug/L
BK43852	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	1.7	0.02	0.002	0.002	ug/L
BK43852	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.73	0.02	0.002	0.002	ug/L
BK43852	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	1.4	0.02	0.002	0.002	ug/L
BK43852	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BK43852	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	8.62	0.010	0.1	0.1	mg/L
BK43852	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.030	0.004	0.025	0.025	mg/L
BK43852	CU-WMDP	Copper	NY / TOGS - Water Quality / GA Criteria	0.225	0.005	0.2	0.2	mg/L
BK43852	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.32	0.11	0.1	0.1	mg/L
BK43852	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	8.33	0.01	0.3	0.3	mg/L
BK43852	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.390	0.005	0.3	0.3	mg/L
BK43852	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	144	1.1	20	20	mg/L
BK43852	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	50.6	0.01	0.3	0.3	mg/L
BK43852	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	0.558	0.005	0.3	0.3	mg/L
BK43852	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	159	1.0	20	20	mg/L
BK43852	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.724	0.002	0.025	0.025	mg/L
BK43853	\$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	2	2	ug/L
BK43853	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	0.7	0.7	ug/L
BK43853	\$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	20	5	5	ug/L
BK43853	\$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	ug/L
BK43853	\$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	97	20	5	5	ug/L
BK43853	\$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	170	20	5	5	ug/L
BK43853	\$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	210	20	5	5	ug/L
BK43853	\$8260DP25R	tert-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	39	20	5	5	ug/L
BK43853	\$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BK43853	\$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	5.0	2	2	ug/L
BK43853	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	100	20	5	5	ug/L
BK43853	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BK43853	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BK43853	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BK43853	\$8260DP25R	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBK43852 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK43853	\$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BK43853	\$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	88	20	5	5	ug/L
BK43853	\$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BK43853	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.6	0.6	ug/L
BK43853	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.0006	0.0006	ug/L
BK43853	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.04	0.04	ug/L
BK43853	\$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	39	20	5	5	ug/L
BK43853	\$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BK43853	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
BK43853	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.27	0.02	0.002	0.002	ug/L
BK43853	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.24	0.02	0.002	0.002	ug/L
BK43853	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.25	0.02	0.002	0.002	ug/L
BK43853	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.20	0.02	0.002	0.002	ug/L
BK43853	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.23	0.02	0.002	0.002	ug/L
BK43853	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.14	0.02	0.002	0.002	ug/L
BK43853	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.14	0.02	0.002	0.002	ug/L
BK43853	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.20	0.02	0.002	0.002	ug/L
BK43853	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.24	0.02	0.002	0.002	ug/L
BK43853	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.23	0.02	0.002	0.002	ug/L
BK43853	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.25	0.02	0.002	0.002	ug/L
BK43853	\$DPPEST_GA	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BK43853	\$DPPEST_GA	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BK43853	\$DPPEST_GA	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BK43853	\$DPPEST_GA	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BK43853	\$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01	ug/L
BK43853	\$DPPEST_GA	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.1	0.1	ug/L
BK43853	\$DPPEST_GA	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BK43853	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.06	0.06	ug/L
BK43853	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.05	0.05	ug/L
BK43853	\$DPPEST_GA	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.012	0.01	0.01	ug/L
BK43853	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.008	0.004	0.004	ug/L
BK43853	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	1.64	0.010	0.1	0.1	mg/L
BK43853	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.027	0.004	0.025	0.025	mg/L
BK43853	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	4.81	0.01	0.3	0.3	mg/L
BK43853	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.471	0.005	0.3	0.3	mg/L
BK43853	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	113	1.1	20	20	mg/L
BK43853	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	35.9	0.01	0.3	0.3	mg/L
BK43853	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	0.530	0.005	0.3	0.3	mg/L
BK43853	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	109	1.0	20	20	mg/L
BK43853	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.168	0.002	0.025	0.025	mg/L
BK43854	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.0006	0.0006	ug/L

Sample Criteria Exceedences Report

GBK43852 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK43854	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	37	2.0	5	5	ug/L
BK43854	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BK43854	\$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	59	2.0	5	5	ug/L
BK43854	\$8260DP25R	tert-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	5.7	2.0	5	5	ug/L
BK43854	\$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	24	2.0	5	5	ug/L
BK43854	\$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	11	2.0	5	5	ug/L
BK43854	\$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	11	2.0	5	5	ug/L
BK43854	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BK43854	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK43854	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK43854	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK43854	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK43854	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK43854	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BK43854	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BK43854	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK43854	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK43854	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK43854	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK43854	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BK43854	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.028	0.004	0.025	0.025	mg/L
BK43854	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.49	0.11	0.1	0.1	mg/L
BK43854	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	5.27	0.01	0.3	0.3	mg/L
BK43854	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	74.7	1.1	20	20	mg/L
BK43854	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	25.3	0.01	0.3	0.3	mg/L
BK43854	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	77.0	1.0	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

January 19, 2016

SDG I.D.: GBK43852

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



Friday, January 08, 2016

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

Project ID: 65 ECKFORD ST BROOKLYN NY
Sample ID#s: BK43839 - BK43845

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.

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, 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
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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants

Project: 65 ECKFORD ST BROOKLYN NY

Laboratory Project: GBK43839



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

January 08, 2016

SDG I.D.: GBK43839

Environmental Business Consultants 65 ECKFORD ST BROOKLYN NY

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
SG 4	BK43839	AIR
SG 6	BK43840	AIR
SG 1	BK43841	AIR
SG 3	BK43842	AIR
SG 7	BK43843	AIR
SG 2	BK43844	AIR
SG 5	BK43845	AIR



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

January 08, 2016

SDG I.D.: GBK43839

Environmental Business Consultants 65 ECKFORD ST BROOKLYN NY

Laboratory Chronicle

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BK43839	Volatiles (TO15)	12/22/15	12/24/15	12/24/15	KCA	Y
BK43840	Volatiles (TO15)	12/22/15	12/24/15	12/24/15	KCA	Y
BK43841	Volatiles (TO15)	12/22/15	12/24/15	12/24/15	KCA	Y
BK43842	Volatiles (TO15)	12/22/15	12/24/15	12/24/15	KCA	Y
BK43843	Volatiles (TO15)	12/22/15	12/24/15	12/24/15	KCA	Y
BK43844	Volatiles (TO15)	12/22/15	12/24/15	12/24/15	KCA	Y
BK43845	Volatiles (TO15)	12/22/15	12/24/15	12/24/15	KCA	Y



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

Analysis Report

January 08, 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: 19635

Custody Information

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

Date

12/22/15 10:45
12/23/15 16:24

Time

Laboratory Data

SDG ID: GBK43839
Phoenix ID: BK43839

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: SG 4

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/23/15	KCA	1
1,1,1-Trichloroethane	0.252	0.183	0.183	1.37	1.00	1.00	12/23/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/23/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/23/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/23/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/23/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/23/15	KCA	1
1,2,4-Trimethylbenzene	0.329	0.204	0.204	1.62	1.00	1.00	12/23/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/23/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/23/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/23/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/23/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/23/15	KCA	1
1,3,5-Trimethylbenzene	0.204	0.204	0.204	1.00	1.00	1.00	12/23/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/23/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/23/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/23/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/23/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/23/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/23/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/23/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/23/15	KCA	1
Acetone	243	DS 4.21	4.21	577	10.0	10.0	12/24/15	KCA	10
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/23/15	KCA	1
Benzene	15.4	0.313	0.313	49.2	1.00	1.00	12/23/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/23/15	KCA	1

Client ID: SG 4

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	12/23/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/23/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/23/15	KCA	1
Carbon Disulfide	3.86	0.321	0.321	12.0	1.00	1.00	12/23/15	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	12/23/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/23/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/23/15	KCA	1
Chloroform	0.324	0.205	0.205	1.58	1.00	1.00	12/23/15	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/23/15	KCA	1
Cis-1,2-Dichloroethene	0.261	0.252	0.252	1.03	1.00	1.00	12/23/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/23/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/23/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/23/15	KCA	1
Dichlorodifluoromethane	ND	0.202	0.202	ND	1.00	1.00	12/23/15	KCA	1
Ethanol	5.35	0.531	0.531	10.1	1.00	1.00	12/23/15	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/23/15	KCA	1
Ethylbenzene	3.21	0.230	0.230	13.9	1.00	1.00	12/23/15	KCA	1
Heptane	15.8	0.244	0.244	64.7	1.00	1.00	12/23/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/23/15	KCA	1
Hexane	54.7	DS 2.84	2.84	193	10.0	10.0	12/24/15	KCA	10
Isopropylalcohol	1.81	S 0.407	0.407	4.45	1.00	1.00	12/23/15	KCA	1
Isopropylbenzene	0.901	0.204	0.204	4.43	1.00	1.00	12/23/15	KCA	1
m,p-Xylene	3.21	0.230	0.230	13.9	1.00	1.00	12/23/15	KCA	1
Methyl Ethyl Ketone	3.78	0.339	0.339	11.1	1.00	1.00	12/23/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/23/15	KCA	1
Methylene Chloride	0.662	S 0.288	0.288	2.30	1.00	1.00	12/23/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/23/15	KCA	1
o-Xylene	0.550	0.230	0.230	2.39	1.00	1.00	12/23/15	KCA	1
Propylene	275	D 5.81	5.81	473	10.0	10.0	12/24/15	KCA	10
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/23/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/23/15	KCA	1
Tetrachloroethene	1.17	0.037	0.037	7.93	0.25	0.25	12/23/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/23/15	KCA	1
Toluene	5.42	0.266	0.266	20.4	1.00	1.00	12/23/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/23/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/23/15	KCA	1
Trichloroethene	1.15	0.047	0.047	6.18	0.25	0.25	12/23/15	KCA	1
Trichlorofluoromethane	ND	0.178	0.178	ND	1.00	1.00	12/23/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/23/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/23/15	KCA	1

QA/QC Surrogates

% Bromofluorobenzene	*417	%	%	*417	%	%	12/23/15	KCA	1

Client ID: SG 4

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

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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

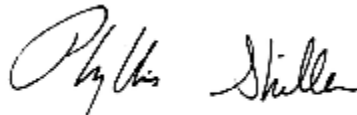
Air Analysis:

*Surrogate criteria exceeded method criteria due to a matrix interference.

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

January 08, 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

January 08, 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: 13635

Custody Information

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

Date

12/22/15 10:27
12/23/15 16:24

Time

Laboratory Data

SDG ID: GBK43839
Phoenix ID: BK43840

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: SG 6

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	12/23/15	KCA	1
1,1,1-Trichloroethane	0.298	0.183	0.183	1.62	1.00	1.00	12/23/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/23/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/23/15	KCA	1
1,1-Dichloroethane	0.426	0.247	0.247	1.72	1.00	1.00	12/23/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/23/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/23/15	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/23/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/23/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/23/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/23/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/23/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/23/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/23/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/23/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/23/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/23/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/23/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/23/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/23/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/23/15	KCA	1
4-Methyl-2-pentanone(MIBK)	0.741	0.244	0.244	3.03	1.00	1.00	12/23/15	KCA	1
Acetone	116	DS 4.21	4.21	275	10.0	10.0	12/24/15	KCA	10
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/23/15	KCA	1
Benzene	1.30	0.313	0.313	4.15	1.00	1.00	12/23/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/23/15	KCA	1

Client ID: SG 6

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	12/23/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/23/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/23/15	KCA	1
Carbon Disulfide	20.1	0.321	0.321	62.5	1.00	1.00	12/23/15	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	12/23/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/23/15	KCA	1
Chloroethane	22.4	0.379	0.379	59.1	1.00	1.00	12/23/15	KCA	1
Chloroform	3.38	0.205	0.205	16.5	1.00	1.00	12/23/15	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/23/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/23/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/23/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/23/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/23/15	KCA	1
Dichlorodifluoromethane	0.339	0.202	0.202	1.68	1.00	1.00	12/23/15	KCA	1
Ethanol	3.25	S 0.531	0.531	6.12	1.00	1.00	12/23/15	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/23/15	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/23/15	KCA	1
Heptane	1.87	0.244	0.244	7.66	1.00	1.00	12/23/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/23/15	KCA	1
Hexane	3.14	0.284	0.284	11.1	1.00	1.00	12/23/15	KCA	1
Isopropylalcohol	1.24	S 0.407	0.407	3.05	1.00	1.00	12/23/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/23/15	KCA	1
m,p-Xylene	0.933	0.230	0.230	4.05	1.00	1.00	12/23/15	KCA	1
Methyl Ethyl Ketone	3.19	0.339	0.339	9.40	1.00	1.00	12/23/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/23/15	KCA	1
Methylene Chloride	0.700	S 0.288	0.288	2.43	1.00	1.00	12/23/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/23/15	KCA	1
o-Xylene	0.345	0.230	0.230	1.50	1.00	1.00	12/23/15	KCA	1
Propylene	38.6	0.581	0.581	66.4	1.00	1.00	12/23/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/23/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/23/15	KCA	1
Tetrachloroethene	2.04	0.037	0.037	13.8	0.25	0.25	12/23/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/23/15	KCA	1
Toluene	4.02	0.266	0.266	15.1	1.00	1.00	12/23/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/23/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/23/15	KCA	1
Trichloroethene	45.7	D 0.466	0.466	245	2.50	2.50	12/24/15	KCA	10
Trichlorofluoromethane	0.277	0.178	0.178	1.56	1.00	1.00	12/23/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/23/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/23/15	KCA	1

QA/QC Surrogates

% Bromofluorobenzene	*699	%	%	*699	%	%	12/23/15	KCA	1

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

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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

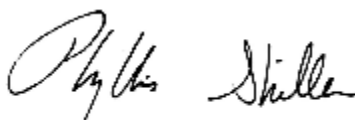
Air Analysis:

*Surrogate criteria exceeded method criteria due to a matrix interference.

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

January 08, 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

January 08, 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: 12855

Custody Information

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

Date

12/22/15 10:36
12/23/15 16:24

Time

Laboratory Data

SDG ID: GBK43839
Phoenix ID: BK43841

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: SG 1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/23/15	KCA	1
1,1,1-Trichloroethane	0.619	0.183	0.183	3.38	1.00	1.00	12/23/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/23/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/23/15	KCA	1
1,1-Dichloroethane	1.64	0.247	0.247	6.63	1.00	1.00	12/23/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/23/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/23/15	KCA	1
1,2,4-Trimethylbenzene	0.333	0.204	0.204	1.64	1.00	1.00	12/23/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/23/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/23/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/23/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/23/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/23/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/23/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/23/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/23/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/23/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/23/15	KCA	1
2-Hexanone(MBK)	1.05	0.244	0.244	4.30	1.00	1.00	12/23/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/23/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/23/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/23/15	KCA	1
Acetone	200	DS 4.21	4.21	475	10.0	10.0	12/24/15	KCA	10
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/23/15	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/23/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/23/15	KCA	1

Client ID: SG 1

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	12/23/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/23/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/23/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/23/15	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	12/23/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/23/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/23/15	KCA	1
Chloroform	6.77	0.205	0.205	33.0	1.00	1.00	12/23/15	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/23/15	KCA	1
Cis-1,2-Dichloroethene	21.5	0.252	0.252	85.2	1.00	1.00	12/23/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/23/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/23/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/23/15	KCA	1
Dichlorodifluoromethane	0.433	0.202	0.202	2.14	1.00	1.00	12/23/15	KCA	1
Ethanol	4.75	S 0.531	0.531	8.94	1.00	1.00	12/23/15	KCA	1 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/23/15	KCA	1 1
Ethylbenzene	0.253	0.230	0.230	1.10	1.00	1.00	12/23/15	KCA	1
Heptane	0.354	0.244	0.244	1.45	1.00	1.00	12/23/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/23/15	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/23/15	KCA	1
Isopropylalcohol	1.64	S 0.407	0.407	4.03	1.00	1.00	12/23/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/23/15	KCA	1
m,p-Xylene	1.00	0.230	0.230	4.34	1.00	1.00	12/23/15	KCA	1
Methyl Ethyl Ketone	4.73	0.339	0.339	13.9	1.00	1.00	12/23/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/23/15	KCA	1
Methylene Chloride	0.791	S 0.288	0.288	2.75	1.00	1.00	12/23/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/23/15	KCA	1 1
o-Xylene	0.269	0.230	0.230	1.17	1.00	1.00	12/23/15	KCA	1
Propylene	2.10	0.581	0.581	3.61	1.00	1.00	12/23/15	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/23/15	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/23/15	KCA	1
Tetrachloroethene	10.3	0.037	0.037	69.8	0.25	0.25	12/23/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/23/15	KCA	1 1
Toluene	2.63	0.266	0.266	9.9	1.00	1.00	12/23/15	KCA	1
Trans-1,2-Dichloroethene	3.92	0.252	0.252	15.5	1.00	1.00	12/23/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/23/15	KCA	1
Trichloroethene	308	D 0.466	0.466	1650	2.50	2.50	12/24/15	KCA	10
Trichlorofluoromethane	ND	0.178	0.178	ND	1.00	1.00	12/23/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/23/15	KCA	1
Vinyl Chloride	0.492	0.098	0.098	1.26	0.25	0.25	12/23/15	KCA	1
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	12/23/15	KCA	1

Client ID: SG 1

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

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

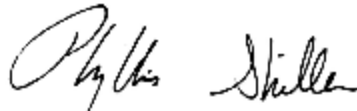
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

January 08, 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

January 08, 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: 19631

Custody Information

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

Date

12/22/15 10:42
12/23/15 16:24

Time

Laboratory Data

SDG ID: GBK43839
Phoenix ID: BK43842

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: SG 3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/24/15	KCA	1
1,1,1-Trichloroethane	8.73	0.183	0.183	47.6	1.00	1.00	12/24/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/24/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/24/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/24/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/24/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/24/15	KCA	1
1,2,4-Trimethylbenzene	0.257	0.204	0.204	1.26	1.00	1.00	12/24/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/24/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/24/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/24/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/24/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/24/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/24/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/24/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/24/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/24/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/24/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/24/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/24/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/24/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/24/15	KCA	1
Acetone	49.1	DS 2.11	2.11	117	5.01	5.01	12/24/15	KCA	5
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/24/15	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/24/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/24/15	KCA	1

Client ID: SG 3

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	12/24/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/24/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/24/15	KCA	1
Carbon Disulfide	0.595	0.321	0.321	1.85	1.00	1.00	12/24/15	KCA	1
Carbon Tetrachloride	0.055	0.040	0.040	0.35	0.25	0.25	12/24/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/24/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/24/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/24/15	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/24/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/24/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/24/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/24/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/24/15	KCA	1
Dichlorodifluoromethane	0.416	0.202	0.202	2.06	1.00	1.00	12/24/15	KCA	1
Ethanol	2.44	S 0.531	0.531	4.59	1.00	1.00	12/24/15	KCA	1 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/24/15	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/24/15	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/24/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/24/15	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/24/15	KCA	1
Isopropylalcohol	0.791	S 0.407	0.407	1.94	1.00	1.00	12/24/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/24/15	KCA	1
m,p-Xylene	0.429	0.230	0.230	1.86	1.00	1.00	12/24/15	KCA	1
Methyl Ethyl Ketone	0.976	0.339	0.339	2.88	1.00	1.00	12/24/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/24/15	KCA	1
Methylene Chloride	0.892	S 0.288	0.288	3.10	1.00	1.00	12/24/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/24/15	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/24/15	KCA	1
Propylene	3.41	0.581	0.581	5.87	1.00	1.00	12/24/15	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/24/15	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/24/15	KCA	1
Tetrachloroethene	1.09	0.037	0.037	7.39	0.25	0.25	12/24/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/24/15	KCA	1 1
Toluene	0.550	0.266	0.266	2.07	1.00	1.00	12/24/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/24/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/24/15	KCA	1
Trichloroethene	2.62	0.047	0.047	14.1	0.25	0.25	12/24/15	KCA	1
Trichlorofluoromethane	0.354	0.178	0.178	1.99	1.00	1.00	12/24/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/24/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/24/15	KCA	1
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	103	%	%	103	%	%	12/24/15	KCA	1

Client ID: SG 3

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

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

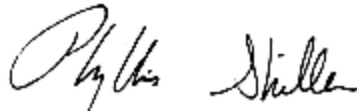
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

January 08, 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

January 08, 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: 13642

Custody Information

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

Date

12/22/15 10:47
12/23/15 16:24

Time

Laboratory Data

SDG ID: GBK43839
Phoenix ID: BK43843

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: SG 7

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	0.729	0.729	ND	5.00	5.00	12/24/15	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/24/15	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/24/15	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/24/15	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/24/15	KCA	5
1,1-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/24/15	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/24/15	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/24/15	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/24/15	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/24/15	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/24/15	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/24/15	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/24/15	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/24/15	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/24/15	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/24/15	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/24/15	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/24/15	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/24/15	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/24/15	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/24/15	KCA	5
4-Methyl-2-pentanone(MIBK)	1.41	1.22	1.22	5.77	4.99	4.99	12/24/15	KCA	5
Acetone	85.7	2.11	2.11	203	5.01	5.01	12/24/15	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/24/15	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/24/15	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/24/15	KCA	5

Client ID: SG 7

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/24/15	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/24/15	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/24/15	KCA	5
Carbon Disulfide	9.44	1.61	1.61	29.4	5.01	5.01	12/24/15	KCA	5
Carbon Tetrachloride	ND	0.198	0.198	ND	1.24	1.24	12/24/15	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/24/15	KCA	5
Chloroethane	2.72	1.90	1.90	7.17	5.01	5.01	12/24/15	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/24/15	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/24/15	KCA	5
Cis-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/24/15	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/24/15	KCA	5
Cyclohexane	3.17	1.45	1.45	10.9	4.99	4.99	12/24/15	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/24/15	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/24/15	KCA	5
Ethanol	3.31	S 2.66	2.66	6.23	5.01	5.01	12/24/15	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/24/15	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/24/15	KCA	5
Heptane	1.58	1.22	1.22	6.47	5.00	5.00	12/24/15	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/24/15	KCA	5
Hexane	5.13	S 1.42	1.42	18.1	5.00	5.00	12/24/15	KCA	5
Isopropylalcohol	3.48	S 2.04	2.04	8.55	5.01	5.01	12/24/15	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/24/15	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/24/15	KCA	5
Methyl Ethyl Ketone	1.82	1.70	1.70	5.36	5.01	5.01	12/24/15	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/24/15	KCA	5
Methylene Chloride	ND	1.44	1.44	ND	5.00	5.00	12/24/15	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/24/15	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/24/15	KCA	5
Propylene	106	2.91	2.91	182	5.01	5.01	12/24/15	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/24/15	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/24/15	KCA	5
Tetrachloroethene	2.11	0.184	0.184	14.3	1.25	1.25	12/24/15	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	12/24/15	KCA	5 1
Toluene	1.65	1.33	1.33	6.21	5.01	5.01	12/24/15	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/24/15	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/24/15	KCA	5
Trichloroethene	7.08	0.233	0.233	38.0	1.25	1.25	12/24/15	KCA	5
Trichlorofluoromethane	5.51	0.891	0.891	30.9	5.00	5.00	12/24/15	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/24/15	KCA	5
Vinyl Chloride	ND	0.489	0.489	ND	1.25	1.25	12/24/15	KCA	5
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	*839	%	%	*839	%	%	12/24/15	KCA	5

Client ID: SG 7

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

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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Air Analysis:

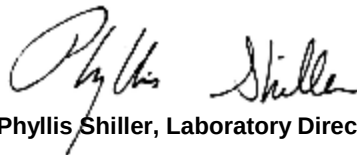
*Surrogate criteria exceeded method criteria due to a matrix interference.

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

January 08, 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

January 08, 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: 11286

Custody Information

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

Date

12/22/15 10:38
12/23/15 16:24

Time

Laboratory Data

SDG ID: GBK43839
Phoenix ID: BK43844

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: SG 2

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	12/24/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/24/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/24/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/24/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/24/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/24/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/24/15	KCA	1
1,2,4-Trimethylbenzene	0.252	0.204	0.204	1.24	1.00	1.00	12/24/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/24/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/24/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/24/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/24/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/24/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/24/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/24/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/24/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/24/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/24/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/24/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/24/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/24/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/24/15	KCA	1
Acetone	190	DS 4.21	4.21	451	10.0	10.0	12/24/15	KCA	10
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/24/15	KCA	1
Benzene	0.716	0.313	0.313	2.29	1.00	1.00	12/24/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/24/15	KCA	1

Client ID: SG 2

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	12/24/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/24/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/24/15	KCA	1
Carbon Disulfide	0.738	0.321	0.321	2.30	1.00	1.00	12/24/15	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	12/24/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/24/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/24/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/24/15	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/24/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/24/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/24/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/24/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/24/15	KCA	1
Dichlorodifluoromethane	25.9	0.202	0.202	128	1.00	1.00	12/24/15	KCA	1
Ethanol	7.86	0.531	0.531	14.8	1.00	1.00	12/24/15	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/24/15	KCA	1
Ethylbenzene	0.300	0.230	0.230	1.30	1.00	1.00	12/24/15	KCA	1
Heptane	3.96	0.244	0.244	16.2	1.00	1.00	12/24/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/24/15	KCA	1
Hexane	13.2	0.284	0.284	46.5	1.00	1.00	12/24/15	KCA	1
Isopropylalcohol	2.92	S 0.407	0.407	7.17	1.00	1.00	12/24/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/24/15	KCA	1
m,p-Xylene	0.952	0.230	0.230	4.13	1.00	1.00	12/24/15	KCA	1
Methyl Ethyl Ketone	4.82	0.339	0.339	14.2	1.00	1.00	12/24/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/24/15	KCA	1
Methylene Chloride	0.307	S 0.288	0.288	1.07	1.00	1.00	12/24/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/24/15	KCA	1
o-Xylene	0.265	0.230	0.230	1.15	1.00	1.00	12/24/15	KCA	1
Propylene	93.2	D 5.81	5.81	160	10.0	10.0	12/24/15	KCA	10
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/24/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/24/15	KCA	1
Tetrachloroethene	0.106	0.037	0.037	0.72	0.25	0.25	12/24/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/24/15	KCA	1
Toluene	2.03	0.266	0.266	7.65	1.00	1.00	12/24/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/24/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/24/15	KCA	1
Trichloroethene	0.753	0.047	0.047	4.04	0.25	0.25	12/24/15	KCA	1
Trichlorofluoromethane	ND	0.178	0.178	ND	1.00	1.00	12/24/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/24/15	KCA	1
Vinyl Chloride	2.91	0.098	0.098	7.43	0.25	0.25	12/24/15	KCA	1
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	119	%	%	119	%	%	12/24/15	KCA	1

Client ID: SG 2

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

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

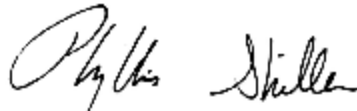
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

January 08, 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

January 08, 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: 13633

Custody Information

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

Date

12/22/15 10:49
12/23/15 16:24

Time

Laboratory Data

SDG ID: GBK43839
Phoenix ID: BK43845

Project ID: 65 ECKFORD ST BROOKLYN NY
Client ID: SG 5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.437	0.437	ND	3.00	3.00	12/24/15	KCA	3
1,1,1-Trichloroethane	ND	0.550	0.550	ND	3.00	3.00	12/24/15	KCA	3
1,1,2,2-Tetrachloroethane	ND	0.437	0.437	ND	3.00	3.00	12/24/15	KCA	3
1,1,2-Trichloroethane	ND	0.550	0.550	ND	3.00	3.00	12/24/15	KCA	3
1,1-Dichloroethane	ND	0.742	0.742	ND	3.00	3.00	12/24/15	KCA	3
1,1-Dichloroethene	ND	0.757	0.757	ND	3.00	3.00	12/24/15	KCA	3
1,2,4-Trichlorobenzene	ND	0.405	0.405	ND	3.00	3.00	12/24/15	KCA	3
1,2,4-Trimethylbenzene	ND	0.611	0.611	ND	3.00	3.00	12/24/15	KCA	3
1,2-Dibromoethane(EDB)	ND	0.391	0.391	ND	3.00	3.00	12/24/15	KCA	3
1,2-Dichlorobenzene	ND	0.499	0.499	ND	3.00	3.00	12/24/15	KCA	3
1,2-Dichloroethane	ND	0.742	0.742	ND	3.00	3.00	12/24/15	KCA	3
1,2-dichloropropane	ND	0.650	0.650	ND	3.00	3.00	12/24/15	KCA	3
1,2-Dichlorotetrafluoroethane	ND	0.429	0.429	ND	3.00	3.00	12/24/15	KCA	3
1,3,5-Trimethylbenzene	ND	0.611	0.611	ND	3.00	3.00	12/24/15	KCA	3
1,3-Butadiene	ND	1.36	1.36	ND	3.01	3.01	12/24/15	KCA	3
1,3-Dichlorobenzene	ND	0.499	0.499	ND	3.00	3.00	12/24/15	KCA	3
1,4-Dichlorobenzene	ND	0.499	0.499	ND	3.00	3.00	12/24/15	KCA	3
1,4-Dioxane	ND	0.833	0.833	ND	3.00	3.00	12/24/15	KCA	3
2-Hexanone(MBK)	ND	0.733	0.733	ND	3.00	3.00	12/24/15	KCA	3
4-Ethyltoluene	ND	0.611	0.611	ND	3.00	3.00	12/24/15	KCA	3
4-Isopropyltoluene	ND	0.547	0.547	ND	3.00	3.00	12/24/15	KCA	3
4-Methyl-2-pentanone(MIBK)	ND	0.733	0.733	ND	3.00	3.00	12/24/15	KCA	3
Acetone	ND	1.26	1.26	ND	2.99	2.99	12/24/15	KCA	3
Acrylonitrile	ND	1.38	1.38	ND	2.99	2.99	12/24/15	KCA	3
Benzene	6.19	0.940	0.940	19.8	3.00	3.00	12/24/15	KCA	3
Benzyl chloride	ND	0.580	0.580	ND	3.00	3.00	12/24/15	KCA	3

Client ID: SG 5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.448	0.448	ND	3.00	3.00	12/24/15	KCA	3
Bromoform	ND	0.290	0.290	ND	3.00	3.00	12/24/15	KCA	3
Bromomethane	ND	0.773	0.773	ND	3.00	3.00	12/24/15	KCA	3
Carbon Disulfide	25.6	0.964	0.964	79.7	3.00	3.00	12/24/15	KCA	3
Carbon Tetrachloride	ND	0.119	0.119	ND	0.75	0.75	12/24/15	KCA	3
Chlorobenzene	ND	0.652	0.652	ND	3.00	3.00	12/24/15	KCA	3
Chloroethane	ND	1.14	1.14	ND	3.01	3.01	12/24/15	KCA	3
Chloroform	ND	0.615	0.615	ND	3.00	3.00	12/24/15	KCA	3
Chloromethane	ND	1.45	1.45	ND	2.99	2.99	12/24/15	KCA	3
Cis-1,2-Dichloroethene	ND	0.757	0.757	ND	3.00	3.00	12/24/15	KCA	3
cis-1,3-Dichloropropene	ND	0.661	0.661	ND	3.00	3.00	12/24/15	KCA	3
Cyclohexane	135	D 8.72	8.72	464	30.0	30.0	12/24/15	KCA	30
Dibromochloromethane	ND	0.352	0.352	ND	3.00	3.00	12/24/15	KCA	3
Dichlorodifluoromethane	ND	0.607	0.607	ND	3.00	3.00	12/24/15	KCA	3
Ethanol	3.98	S 1.59	1.59	7.49	2.99	2.99	12/24/15	KCA	3 1
Ethyl acetate	ND	0.833	0.833	ND	3.00	3.00	12/24/15	KCA	3 1
Ethylbenzene	ND	0.691	0.691	ND	3.00	3.00	12/24/15	KCA	3
Heptane	73.2	0.733	0.733	300	3.00	3.00	12/24/15	KCA	3
Hexachlorobutadiene	ND	0.282	0.282	ND	3.01	3.01	12/24/15	KCA	3
Hexane	239	DS 8.52	8.52	842	30.0	30.0	12/24/15	KCA	30
Isopropylalcohol	1.38	S 1.22	1.22	3.39	3.00	3.00	12/24/15	KCA	3
Isopropylbenzene	ND	0.611	0.611	ND	3.00	3.00	12/24/15	KCA	3
m,p-Xylene	ND	0.691	0.691	ND	3.00	3.00	12/24/15	KCA	3
Methyl Ethyl Ketone	ND	1.02	1.02	ND	3.01	3.01	12/24/15	KCA	3
Methyl tert-butyl ether(MTBE)	ND	0.833	0.833	ND	3.00	3.00	12/24/15	KCA	3
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	12/24/15	KCA	3
n-Butylbenzene	ND	0.547	0.547	ND	3.00	3.00	12/24/15	KCA	3 1
o-Xylene	2.44	0.691	0.691	10.6	3.00	3.00	12/24/15	KCA	3
Propylene	766	D 17.4	17.4	1320	29.9	29.9	12/24/15	KCA	30 1
sec-Butylbenzene	ND	0.547	0.547	ND	3.00	3.00	12/24/15	KCA	3 1
Styrene	ND	0.705	0.705	ND	3.00	3.00	12/24/15	KCA	3
Tetrachloroethene	0.408	0.111	0.111	2.77	0.75	0.75	12/24/15	KCA	3
Tetrahydrofuran	ND	1.02	1.02	ND	3.01	3.01	12/24/15	KCA	3 1
Toluene	4.89	0.797	0.797	18.4	3.00	3.00	12/24/15	KCA	3
Trans-1,2-Dichloroethene	ND	0.757	0.757	ND	3.00	3.00	12/24/15	KCA	3
trans-1,3-Dichloropropene	ND	0.661	0.661	ND	3.00	3.00	12/24/15	KCA	3
Trichloroethene	12.9	0.140	0.140	69.3	0.75	0.75	12/24/15	KCA	3
Trichlorofluoromethane	ND	0.534	0.534	ND	3.00	3.00	12/24/15	KCA	3
Trichlorotrifluoroethane	ND	0.392	0.392	ND	3.00	3.00	12/24/15	KCA	3
Vinyl Chloride	41.8	0.294	0.294	107	0.75	0.75	12/24/15	KCA	3
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	*481	%	%	*481	%	%	12/24/15	KCA	3

Client ID: SG 5

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

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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

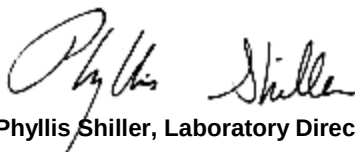
An elevated reporting level was reported for TO15 due to a matrix interference of non target compounds., Air Analysis:

*Surrogate criteria exceeded method criteria due to a matrix interference.

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

January 08, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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QA/QC Report

January 08, 2016

QA/QC Data

SDG I.D.: GBK43839

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 330636 (ppbv), QC Sample No: BK43355 (BK43839 (1X, 10X) , BK43840 (1X, 10X) , BK43841 (1X, 10X) , BK43842)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	0.183	ND	1.00	102	6.87	7.20	1.26	1.32	4.7	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	0.183	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	0.247	ND	1.00	96	9.5	10.1	2.36	2.50	5.8	70 - 130	20
1,1-Dichloroethene	ND	0.252	ND	1.00	95	1.03	1.03	0.260	0.259	0.4	70 - 130	20
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	158	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	115	14.3	14.8	2.92	3.02	3.4	70 - 130	20
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	0.166	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	0.247	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	0.216	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	108	3.71	3.73	0.755	0.760	0.7	70 - 130	20
1,3-Butadiene	ND	0.452	ND	1.00	86	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	0.166	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	0.166	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	0.278	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	0.244	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	0.204	ND	1.00	108	3.40	3.67	0.693	0.747	7.5	70 - 130	20
4-Isopropyltoluene	ND	0.182	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	0.421	ND	1.00	84	26.1	28.3	11.0	11.9	7.9	70 - 130	20
Acrylonitrile	ND	0.461	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	0.313	ND	1.00	97	2.39	2.45	0.749	0.768	2.5	70 - 130	20
Benzyl chloride	ND	0.193	ND	1.00	128	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	0.149	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	0.097	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	0.257	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	0.321	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	0.040	ND	0.25	106	0.27	0.28	0.043	0.044	2.3	70 - 130	20
Chlorobenzene	ND	0.217	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	0.379	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	0.205	ND	1.00	99	25.0	25.8	5.12	5.29	3.3	70 - 130	20
Chloromethane	ND	0.484	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	97	503	527	127	133	4.6	70 - 130	20
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	0.291	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	0.117	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	0.202	ND	1.00	114	59.3	59.3	12.0	12.0	0.0	70 - 130	20
Ethanol	ND	0.531	ND	1.00	87	7.06 S	7.27 S	3.75 S	3.86 S	2.9	70 - 130	20

QA/QC Data

SDG I.D.: GBK43839

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	81	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	0.230	ND	1.00	106	11.4	11.8	2.63	2.71	3.0	70 - 130	20
Heptane	ND	0.244	ND	1.00	80	3.86	4.14	0.943	1.01	6.9	70 - 130	20
Hexachlorobutadiene	ND	0.094	ND	1.00	137	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	0.284	ND	1.00	93	2.66 S	2.88 S	0.756 S	0.817 S	7.8	70 - 130	20
Isopropylalcohol	ND	0.407	ND	1.00	83	2.78 S	3.07 S	1.13 S	1.25 S	10.1	70 - 130	20
Isopropylbenzene	ND	0.204	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	0.230	ND	1.00	113	35.5	36.3	8.17	8.36	2.3	70 - 130	20
Methyl Ethyl Ketone	ND	0.339	ND	1.00	93	2.32	2.50	0.788	0.848	7.3	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	0.288	ND	1.00	90	1.10 S	1.52 S	0.318 S	0.439 S	32.0	70 - 130	20
n-Butylbenzene	ND	0.182	ND	1.00	112	1.59	1.83	0.289	0.333	14.1	70 - 130	20
o-Xylene	ND	0.230	ND	1.00	107	12.8	13.5	2.95	3.10	5.0	70 - 130	20
Propylene	ND	0.581	ND	1.00	84	3.22	3.68	1.87	2.14	13.5	70 - 130	20
sec-Butylbenzene	ND	0.182	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	0.235	ND	1.00	84	1.10	1.26	0.258	0.296	13.7	70 - 130	20
Tetrachloroethene	ND	0.037	ND	0.25	98	773	800	114	118	3.4	70 - 130	20
Tetrahydrofuran	ND	0.339	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	0.266	ND	1.00	94	42.9	45.9	11.4	12.2	6.8	70 - 130	20
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	98	89.5	95.9	22.6	24.2	6.8	70 - 130	20
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	0.047	ND	0.25	110	1750	1780	325	331	1.8	70 - 130	20
Trichlorofluoromethane	ND	0.178	ND	1.00	107	30.3	31.2	5.40	5.55	2.7	70 - 130	20
Trichlorotrifluoroethane	ND	0.131	ND	1.00	103	237	249	31.0	32.5	4.7	70 - 130	20
Vinyl Chloride	ND	0.098	ND	0.25	100	2.24	2.30	0.875	0.902	3.0	70 - 130	20
% Bromofluorobenzene	118	%	118	%	97	106	105	106	105	0.9	70 - 130	20

QA/QC Batch 330642 (ppbv), QC Sample No: BK43844 (BK43842 (5X) , BK43843 (5X) , BK43844 (1X, 10X) , BK43845 (3X, 30X))

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	0.183	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	0.183	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	0.247	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	0.252	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	129	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	114	1.24	1.37	0.252	0.278	9.8	70 - 130	20
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	0.166	ND	1.00	120	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	0.247	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	0.216	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	0.452	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	0.166	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	0.166	ND	1.00	122	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	0.278	ND	1.00	121	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	0.244	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	0.204	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	0.182	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	0.421	ND	1.00	86	567	556	239	234	2.1	70 - 130	20
Acrylonitrile	ND	0.461	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	20

QA/QC Data

SDG I.D.: GBK43839

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
Benzene	ND	0.313	ND	1.00	97	2.29	2.62	0.716	0.821	13.7	70 - 130	20
Benzyl chloride	ND	0.193	ND	1.00	130	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	0.149	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	0.097	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	0.257	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	0.321	ND	1.00	104	2.30	2.71	0.738	0.871	16.5	70 - 130	20
Carbon Tetrachloride	ND	0.040	ND	0.25	103	ND	ND	ND	ND	NC	70 - 130	20
Chlorobenzene	ND	0.217	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	0.379	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	0.205	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	0.484	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	97	ND	1.05	ND	0.265	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	0.291	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	0.117	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	0.202	ND	1.00	98	128	119	25.9	24.1	7.2	70 - 130	20
Ethanol	ND	0.531	ND	1.00	91	14.8	16.4	7.86	8.70	10.1	70 - 130	20
Ethyl acetate	ND	0.278	ND	1.00	81	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	0.230	ND	1.00	103	1.30	1.36	0.300	0.314	4.6	70 - 130	20
Heptane	ND	0.244	ND	1.00	79	16.2	17.6	3.96	4.30	8.2	70 - 130	20
Hexachlorobutadiene	ND	0.094	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	0.284	ND	1.00	95	46.5	52.8	13.2	15.0	12.8	70 - 130	20
Isopropylalcohol	ND	0.407	ND	1.00	82	7.17 S	8.01 S	2.92 S	3.26 S	11.0	70 - 130	20
Isopropylbenzene	ND	0.204	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	0.230	ND	1.00	112	4.13	4.38	0.952	1.01	5.9	70 - 130	20
Methyl Ethyl Ketone	ND	0.339	ND	1.00	92	14.2	15.6	4.82	5.29	9.3	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	0.288	ND	1.00	90	1.07 S	1.51 S	0.307 S	0.434 S	34.3	70 - 130	20 r
n-Butylbenzene	ND	0.182	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	0.230	ND	1.00	104	1.15	1.26	0.265	0.291	9.4	70 - 130	20
Propylene	ND	0.581	ND	1.00	84	160	151	93.3	87.9	6.0	70 - 130	20
sec-Butylbenzene	ND	0.182	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	0.235	ND	1.00	83	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	0.037	ND	0.25	96	0.72	1.05	0.106	0.155	37.5	70 - 130	20 r
Tetrahydrofuran	ND	0.339	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	0.266	ND	1.00	93	7.65	10.8	2.03	2.86	33.9	70 - 130	20 r
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	0.047	ND	0.25	109	4.04	3.90	0.753	0.727	3.5	70 - 130	20
Trichlorofluoromethane	ND	0.178	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Trichlorotrifluoroethane	ND	0.131	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	0.098	ND	0.25	103	7.43	7.82	2.91	3.06	5.0	70 - 130	20
% Bromofluorobenzene	101	%	101	%	100	119	115	119	115	3.4	70 - 130	20

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

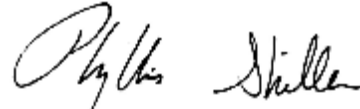
QA/QC Data

SDG I.D.: GBK43839

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

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
January 08, 2016

Friday, January 08, 2016

Criteria: None

State: NY

Sample Criteria Exceedences Report

GBK43839 - EBC

Page 1 of 1

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

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this 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.



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 _____ of _____

Data Delivery:

☐ Fax #:

☒ Email: File

☐ Phone #:

Report to:	Invoice to: <u>EBC</u>	Project Name: <u>65 Eckford St, Brooklyn, NY</u>
Customer: <u>EBC</u>		Requested Deliverable: RCP ☐ ASP CAT B ☒
Address: <u>1808 Middle Country Rd</u>		MCP ☐ NJ Deliverables ☐
<u>Ridge NY</u>	Sampled by: <u>Greg Swirsen</u>	State where samples collected: <u>NY</u>

Phoenix ID #	Client Sample ID	THIS SECTION FOR LAB USE ONLY						Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (C) Composite (C)	ANALYSES	
		Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)									TU-14	TU-15
43839	SG4	19635	6.0	-30	-3	4485	41.7	848	1048	12/22	-29	-4		X		X	
43840	SG6	13635	6.0	-30	-4	4494		830	1027	12/22	-30	-5		X		X	
43841	SG1	18855	6.0	-30	-4	5013		829	1036	12/22	-30	-5		X		X	
43842	SG3	19631	6.0	-30	-2	5016		837	1042	12/22	-30	-4		X		X	
43843	SG7	13647	6.0	-30	-2	5073		834	1047	12/22	-30	-4		X		X	
		13646	6.0	-30		5010											
43844	SG2	11880	6.0	-30	-4	3220		836	1038	12/22	-29	-5		X		X	
	Back	483	6.0	-30		4979											
43845	SG5	13633	6.0	-30	-2	5050		842	1044	12/22	-29	-3		X		X	
	6 L Johns																

Relinquished by: <u>[Signature]</u>	Accepted by: <u>[Signature]</u>	Date: <u>12-23-15</u>	Time: <u>1048</u>	Data Format: <u>Excel</u> ☒ <u>PDF</u> ☒	Equis ☒ Other: ☐	GISKey ☐

SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:

Requested Criteria: TECWU 12-23-15

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: _____

ATTACHMENT G
DUSRs (On Disk)

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-020
SDG #: GBK43852
Client: Environmental Business Consultants
Date: 02/22/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for three (3) 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 12/23/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/23/2015 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
15MW6	BK43852	12/23/15	SVO	Water	
15MW7	BK43853	12/23/15	SVO	Water	
15MW8	BK43854	12/23/15	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 7days from sample collection and analyzed within 40days 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 12/08/2014 (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 12/23/2015 (CHEM05)-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.
3. Initial calibration curve analyzed on 12/28/2015 (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	%D
2-Nitrophenol	0.040	A
Benzoic Acid	A	22.5

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW6	BK43852	2-Nitrophenol, Benzoic Acid	UJ
15MW7	BK43853	2-Nitrophenol, Benzoic Acid	UJ
15MW8	BK43854	2-Nitrophenol, Benzoic Acid	UJ

Continuing Calibration Verification (CCV):

- CCV analyzed on 12/28/2015 @ 09:03 (CHEM05)-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.
- CCV analyzed on 12/28/2015 @ 18:12 (CHEM05)-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
Benzidine	81.1

No qualifications were required.

- CCV analyzed on 12/29/2015 @ 09:05 (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 $\leq 25.0\%$ with the following exception(s):

Compound	%D
Benzidine	33.9

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW6	BK43852	Benzidine	UJ
15MW7	BK43853	Benzidine	UJ
15MW8	BK43854	Benzidine	UJ

4. CCV analyzed on 12/29/2015 @ 20:00 (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 $\leq 50.0\%$ with the following exception(s):

Compound	%D
Benzoic Acid ⁽¹⁾	-66.1
2,4-Dinitrophenol	-50.4

(1) Results for this compound were qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW6	BK43852	Benzoic Acid, 2,4-Dinitrophenol	UJ
15MW7	BK43853	Benzoic Acid, 2,4-Dinitrophenol	UJ
15MW8	BK43854	Benzoic Acid, 2,4-Dinitrophenol	UJ

5. CCV analyzed on 12/28/2015 @ 09:04 (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 $\leq 25.0\%$ with the following

Compound	%D
Pentachlorophenol	30.4

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW6	BK43852	Pentachlorophenol	UJ
15MW7	BK43853	Pentachlorophenol	UJ
15MW8	BK43854	Pentachlorophenol	UJ

6. CCV analyzed on 12/28/2015 @ 19:06 (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 $\leq 50.0\%$. 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
15MW7	2,4,6-Tribromophenol	123	Hexachlorobenzene Pentachlorophenol Pentachloronitrobenzene Phenanthrene	None

Client Sample ID	Surrogate	%REC	Compound	Action
15MW8	2,4,6-Tribromophenol	115	Hexachlorobenzene Pentachlorophenol Pentachloronitrobenzene Phenanthrene	None
15MW5	2,4,6-tribromophenol	113	Hexachlorobenzene Pentachlorophenol Pentachloronitrobenzene Phenanthrene	None

2. All surrogate %REC values were within the QC acceptance limits for the SIM scan with the following exception(s):

Client Sample ID	Surrogate	%REC	Compound	Action
15MW6	2,4,6-tribromophenol	122	Hexachlorobenzene Pentachlorophenol Pentachloronitrobenzene Phenanthrene	UJ UJ UJ J
15MW7	2,4,6-tribromophenol	115	Hexachlorobenzene Pentachlorophenol Pentachloronitrobenzene Phenanthrene	UJ UJ UJ J
15MW8	2,4,6-tribromophenol	127	Hexachlorobenzene Pentachlorophenol Pentachloronitrobenzene Phenanthrene	UJ UJ UJ J

Internal Standard (IS) Area Performance:

1. 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 (BK43848 BLANK)-full Scan associated with the water samples extracted on 12/23/2015 and analyzed on 12/29/2015 was free of contamination. No qualifications were required.
- Method Blank (BK43848 BLANK)-SIM Scan associated with the water samples extracted on 12/23/2015 and analyzed on 12/28/2015 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: BK43848-SIM were analyzed on 12/28/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Hexachloroethane	A/A/32.3	15MW6, 15MW7, 15MW8	UJ
Nitrobenzene	A/131/39.3	15MW6, 15MW7, 15MW8	UJ
Acenaphthylene	A/A/22.6	15MW6 15MW7, 15MW8	J UJ
Hexachlorobutadiene	A/128/21.6	15MW6, 15MW7, 15MW8	UJ
Pentachloronitrobenzene	A/A/21.0	15MW6, 15MW7, 15MW8	UJ
Phenanthrene	A/A/20.3	15MW6, 15MW7, 15MW8	J
Bis(2-ethylhexyl)phthalate	A/A/23.4	15MW7 15MW6, 15MW8	J UJ
Benz(a)anthracene	A/A/22.2	15MW6, 15MW7, 15MW8	J
Chrysene	A/A/22.0	15MW6, 15MW7 15MW8	J UJ
Benzo(b)fluoranthene	A/A/25.1	15MW6, 15MW7 15MW8	J UJ
Benzo(a)pyrene	A/A/21.8	15MW6, 15MW7 15MW8	J UJ
Dibenz(a,h)anthracene	A/129/24.3	15MW6, 15MW7 15MW8	J UJ
Benzo(ghi)perylene	A/126/27.0	15MW6, 15MW7 15MW8	J UJ

A=Acceptable

2. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BK43848 were analyzed on 12/29/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Aniline	A/A/52.9	15MW6, 15MW7, 15MW8	UJ
Benzidine	186/0/NC	15MW6, 15MW7, 15MW8	UJ ⁽¹⁾

(1) Results for this compound were previously qualified due to CCV.

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) was 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: BK43848 LCS

2,4-Dimethylphenol

Initial Volume: 1000ml

Final volume: 1ml

Volume injected: 1 μ l

Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{192524 \times 40 \times 1\text{ml} \times 1 \times 1000}{504551 \times 0.329 \times 1 \times 1000\text{ml}} = 46.3\mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
2,4-Dimethylphenol	46.0	46.0	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: GBK43852.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK43852.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-020
SDG #: GBK43852
Client: Environmental Business Consultants
Date: 02/22/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for three (3) water samples analyzed for Volatiles by SW-846 Method 8260C in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 12/23/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/23/2015 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
15MW6	BK43852	12/23/15	VOA	Water	
15MW7	BK43853	12/23/15	VOA	Water	
15MW8	BK43854	12/23/15	VOA	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 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 12/10/2015 (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	%D
Chloroethane	A	23.0
Acrolein	0.030	A
Acetone	0.049	A
1,2-Dibromo-3-Chloropropane	A	21.3

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW6	BK43852	Chloroethane, Acrolein, Acetone, 1,2-Dibromo-3-Chloropropane	UJ

2. Initial calibration curve analyzed on 12/24/2015 (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	%D
Acrolein	0.033	A
Tetrahydrofuran	0.048	A
Trans-1,4-Dichloro-2-butene	A	21.9
1,2-Dibromo-3-Chloropropane	0.030	A

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW7	BK43853	Acrolein, Tetrahydrofuran, Trans-1,4-Dichloro-2-butene, 1,2-Dibromo-3-Chloropropane	UJ
15MW8	BK43854	Acrolein, Tetrahydrofuran, Trans-1,4-Dichloro-2-butene, 1,2-Dibromo-3-Chloropropane	UJ

Continuing Calibration Verification (CCV):

1. CCV analyzed on 12/23/2015 @ 19:40 (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	%D
Dichlorodifluoromethane	33.6

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW6	BK43852	Dichlorodifluoromethane	UJ

2. CCV analyzed on 12/24/2015 @ 05:17 (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	%D
Dichlorodifluoromethane	44.1
Chloromethane	35.2
Vinyl Chloride	20.1
2,2-Dichloropropane	27.0

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW6	BK43852	Dichlorodifluoromethane, Chloromethane, Vinyl Chloride, 2,2-Dichloropropane	UJ

3. CCV analyzed on 12/25/2015 @ 07:08 (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	%D
Trans-1,4-Dichloro-2-butene	30.6

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW7	BK43853	Trans-1,4-Dichloro-2-butene	UJ ⁽¹⁾

(1) Results for this compound were previously qualified due to ICV criteria.

4. CCV analyzed on 12/28/2015 @ 08:44 (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 12/28/2015 @ 17:41 (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.

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 BK43846) was analyzed on 12/28/2015 was free of contamination. No qualifications were required.
2. Method Blank (BLANK BK43848) was analyzed on 12/24/2015 was free of contamination. No qualifications were required.
3. Method Blank (BLANK BK43903) was analyzed on 12/23/2015 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: BK43846 were analyzed on 12/28/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Dichlorodifluoromethane	141/141/A	15MW6	None
Bromomethane	143/137/A	15MW6	None

A= Acceptable

2. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BK43848 were analyzed on 12/24/2015. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Compound	%R/%R/RPD	Sample Affected	Action
Dichlorodifluoromethane	A/132/A	15MW7	None

A= Acceptable

3. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BK43903 were analyzed on 12/23/2015. 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.

15MW8 (BK43854)

Methyl Ethyl Ketone

Sample Volume= 25ml

Volume purged=25ml

DF = 2

$$\text{Concentration } (\mu\text{g/L}) = \frac{9099 \times 25 \times 10 \times 2}{449445 \times 0.069 \times 25} = 5.8 \mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
Methyl Ethyl Ketone	5.8	5.8	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: GBK43852.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK43852.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-020
SDG #: GBK43852
Client: Environmental Business Consultants
Date: 02/22/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for three (3) 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 12/23/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/23/2015 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
15MW6	BK43852	12/23/15	Pesticides	Water	
15MW7	BK43853	12/23/15	Pesticides	Water	
15MW8	BK43854	12/23/15	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 12/21/2015 (ECD13) exhibited acceptable %RSD (20%, [25% for alpha-BHC and delta-BHC, 30% for Toxaphene]) on both columns. No qualifications are required.

All sample results were reported from both columns . No qualifications were required.

Continuing Calibration Verification (CCV):

1. The CCV analyzed on 12/29/2015 exhibited acceptable %Ds ($\leq 20.0\%$) 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%). 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 (BK43848) associated with the water samples extracted on 12/28/2015 and analyzed on 12/29/2015 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: BK43848 were analyzed on 12/29/2015. 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.

Compound Quantitation, Compound Identification and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. Manual Calculation:

BK43848 LCS

4,4'-DDD

On Column concentration (B)= 40.4912ng

Sample Volume= 1000ml

DF = 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{40.4912\text{ng} \times 5\text{ml}}{1000} = 0.202\mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
4,4'-DDD	0.202	0.202	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: GBK43852.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK43852.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-020
SDG #: GBK43852
Client: Environmental Business Consultants
Date: 02/22/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for three (3) 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 12/23/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/23/2015 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
15MW6	BK43852	12/23/15	PCBs	Water	
15MW7	BK43853	12/23/15	PCBs	Water	
15MW8	BK43854	12/23/15	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 12/28/2014 (ECD3) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.
2. Initial calibration curve analyzed on 12/16/2014 (ECD5) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 12/24 & 29/2015 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%). 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 (BK43848 BL) associated with the water samples extracted on 12/23/2015 and analyzed on 12/24/2015 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: BK43848 were analyzed on 12/24/2015. 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:

BK43848 LCS

Aroclor-1016

On Column concentration (B)= 394.502ng

Sample Volume= 1000ml
DF= 1
Vi= 5ml

$$\text{Concentration } (\mu\text{g/L}) = \frac{394.502\text{ng} \times 5\text{ml} \times 1}{1000} = 1.97\mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
Aroclor-1260	1.97	1.97	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: GBK43852.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK43852.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-020
SDG #: GBK43852
Client: Environmental Business Consultants
Date: 02/22/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for three (3) 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 12/23/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/23/2015 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
15MW6*	BK43852	12/23/15	ICP, GFAA and CVAA	Water	
15MW7*	BK43853	12/23/15	ICP, GFAA and CVAA	Water	
15MW8*	BK43854	12/23/15	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 total samples with the following exception(s):

Analyte	Date Analyzed	%R	Sample Affected	Action
Sodium	12/29/15: 9:24	120.4	15 M6, 15MW7, 15MW8	J+

2. All %RECs in the ICV and CCVs were within QC limits (90-110%) for dissolved samples. No qualifications were required.

Mercury:

Dissolved:

- 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 (80-115%). No qualifications were required.

Total:

- 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 (80-115%). No qualifications were required.

CRQL Check Standard (CRI):

Total:

1. 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
Calcium	12/29/15: 12:24	130.3	-	15 M6, 15MW7 15MW8	J+ None
Nickel	12/29/15: 12:24	69.8	-	15 M6 15MW7, 15MW8	J- UJ
Thallium	12/28/15: 11:19	52.7	-	15 M6, 15MW7, 15MW8	UJ
Antimony	12/29/15: 15:31	40.0	-	15 M6 15MW7, 15MW8	J- UJ

Dissolved:

1. All CRI analyzed on 12/7/2015 %RECs were within the control limits (70-130%) with the following exception(s):

Analyte	Date Analyzed	Initial %R	Final %R	Sample Affected	Action
Thallium	12/28/2015: 11:19	52.7	-	15 M6, 15MW7, 15MW8	UJ
Antimony	12/29/2015: 15:31	40.1	—	15 M6, 15MW7, 15MW8	UJ

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 and GFAA:

Total:

1. Method Blank-Water (total) (BK43848BLK) (furnace) digested on 12/23/2015 was free of contamination. No qualifications were required.
2. Method Blank-Water (total) (BK43848 BLK) (ICP) digested on 12/23/2015 was free of contamination with the following exception(s):

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Nickel	1	4	15 M6 15MW7, 15MW8	None U

*= 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 (total) analyzed on 12/29/2015.

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Nickel	1	4	None	None
Nickel	2	4	None	None
Nickel	1	4	15 M6, 15MW7, 15MW8	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.

Dissolved:

1. Method Blank-Water (dissolved) (BK43848 BLK) (furnace) digested on 12/23/2015 was free of contamination. No qualifications were required.
2. Method Blank-Water (dissolved) (BK43848 BLK) (ICP) digested on 12/23/2015 was free of contamination. No qualifications were required.
3. ICBs and CCBs (dissolved) analyzed on 12/29/2015.

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Aluminum	7	10	15 MW 7	U
Aluminum	12	10	15 MW 7	None
Aluminum	5	10	None	None
Nickel	1	4	15MW6 DL, 15MW7 DL, 15MW8 DL	None
Nickel	1	4	15MW6, 15MW7, 15MW8	U

*= 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) (BK43848 BLK) digested on 12/28/2015 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) (BK43568 BLK) digested on 12/24/2015 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:

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 not performed on sample from this SDG.

Sample Duplicate:

ICP-AES, GFAA and CVAA:

1. Laboratory Duplicate was not performed on sample (total) from this SDG.
2. Laboratory Duplicate was not performed on sample (dissolved) from this SDG.

ICP-AES Serial Dilution:

Total:

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

Dissolved:

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. Manual calculation:

Sample: 15MW6 (BK43852)

Barium (total)

DF: 1

0.7725mg/L was reported on the raw data and the laboratory reported 0.772mg/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: GBK43852.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK43852.



65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK43852

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 6	BK43852	7010	12/29/15	1	Antimony	0.002	mg/L	J-	0.002
15 MW 6	BK43852	7010	12/29/15	1	Antimony, (Dissolved)		mg/L	UJ	0.003
15 MW 6	BK43852	7010	12/29/15	1	Selenium		mg/L	U	0.002
15 MW 6	BK43852	7010	12/28/15	1	Selenium, (Dissolved)		mg/L	U	0.004
15 MW 6	BK43852	7010	12/28/15	1	Thallium - LDL		mg/L	UJ	0.0005
15 MW 6	BK43852	7010	12/28/15	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
15 MW 6	BK43852	SW6010	12/29/15	1	Aluminum	8.62	mg/L		0.010
15 MW 6	BK43852	SW6010	12/29/15	10	Aluminum (Dissolved)	0.32	mg/L		0.11
15 MW 6	BK43852	SW6010	12/29/15	1	Arsenic - LDL	0.030	mg/L		0.004
15 MW 6	BK43852	SW6010	12/29/15	1	Arsenic, (Dissolved)	0.004	mg/L		0.003
15 MW 6	BK43852	SW6010	12/29/15	1	Barium	0.772	mg/L		0.010
15 MW 6	BK43852	SW6010	12/29/15	1	Barium (Dissolved)	0.297	mg/L		0.011
15 MW 6	BK43852	SW6010	12/29/15	1	Beryllium		mg/L	U	0.001
15 MW 6	BK43852	SW6010	12/29/15	1	Beryllium (Dissolved)		mg/L	U	0.001
15 MW 6	BK43852	SW6010	12/29/15	1	Cadmium	0.001	mg/L	J+	0.004
15 MW 6	BK43852	SW6010	12/29/15	1	Cadmium (Dissolved)		mg/L	U	0.004
15 MW 6	BK43852	SW6010	12/29/15	10	Calcium	204	mg/L		0.10
15 MW 6	BK43852	SW6010	12/29/15	10	Calcium (Dissolved)	186	mg/L		0.11
15 MW 6	BK43852	SW6010	12/29/15	1	Chromium	0.021	mg/L		0.001
15 MW 6	BK43852	SW6010	12/29/15	1	Chromium (Dissolved)		mg/L	U	0.001
15 MW 6	BK43852	SW6010	12/29/15	1	Cobalt	0.009	mg/L		0.005
15 MW 6	BK43852	SW6010	12/29/15	1	Cobalt, (Dissolved)	0.002	mg/L	J	0.005
15 MW 6	BK43852	SW6010	12/29/15	1	Copper	0.225	mg/L		0.005
15 MW 6	BK43852	SW6010	12/29/15	1	Copper, (Dissolved)		mg/L	U	0.005
15 MW 6	BK43852	SW6010	12/29/15	1	Iron	50.6	mg/L		0.01
15 MW 6	BK43852	SW6010	12/29/15	1	Iron, (Dissolved)	8.33	mg/L		0.01
15 MW 6	BK43852	SW6010	12/29/15	1	Lead	0.724	mg/L		0.002
15 MW 6	BK43852	SW6010	12/29/15	1	Lead (Dissolved)	0.001	mg/L	J	0.002
15 MW 6	BK43852	SW6010	12/29/15	1	Magnesium	32.2	mg/L		0.01
15 MW 6	BK43852	SW6010	12/29/15	1	Magnesium (Dissolved)	30.9	mg/L		0.01
15 MW 6	BK43852	SW6010	12/29/15	1	Manganese	0.558	mg/L		0.005
15 MW 6	BK43852	SW6010	12/29/15	1	Manganese, (Dissolved)	0.390	mg/L		0.005
15 MW 6	BK43852	SW6010	12/29/15	1	Nickel	0.016	mg/L	J-	0.004
15 MW 6	BK43852	SW6010	12/29/15	1	Nickel, (Dissolved)	0.002	mg/L	U	0.004
15 MW 6	BK43852	SW6010	12/29/15	1	Potassium	41.3	mg/L		0.1
15 MW 6	BK43852	SW6010	12/29/15	1	Potassium (Dissolved)	40.8	mg/L		0.1
15 MW 6	BK43852	SW6010	12/29/15	1	Silver	0.001	mg/L	J	0.005
15 MW 6	BK43852	SW6010	12/29/15	1	Silver (Dissolved)		mg/L	U	0.005
15 MW 6	BK43852	SW6010	12/29/15	10	Sodium	159	mg/L	J+	1.0
15 MW 6	BK43852	SW6010	12/29/15	10	Sodium (Dissolved)	144	mg/L		1.1



65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK43852

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 6	BK43852	SW6010	12/29/15	1	Vanadium	0.025	mg/L		0.010
15 MW 6	BK43852	SW6010	12/29/15	1	Vanadium, (Dissolved)		mg/L	U	0.011
15 MW 6	BK43852	SW6010	12/29/15	1	Zinc	0.374	mg/L		0.010
15 MW 6	BK43852	SW6010	12/29/15	1	Zinc, (Dissolved)	0.004	mg/L	J	0.011
15 MW 6	BK43852	SW7470	12/24/15	1	Mercury		mg/L	U	0.0002
15 MW 6	BK43852	SW7470	12/28/15	1	Mercury (Dissolved)		mg/L	U	0.0002
15 MW 6	BK43852	SW8081	12/30/15	1	4,4' -DDD		ug/L	U	0.010
15 MW 6	BK43852	SW8081	12/30/15	1	4,4' -DDE		ug/L	U	0.010
15 MW 6	BK43852	SW8081	12/30/15	1	4,4' -DDT		ug/L	U	0.010
15 MW 6	BK43852	SW8081	12/30/15	1	a-BHC		ug/L	U	0.005
15 MW 6	BK43852	SW8081	12/30/15	1	a-chlordane		ug/L	U	0.010
15 MW 6	BK43852	SW8081	12/30/15	1	Alachlor		ug/L	U	0.075
15 MW 6	BK43852	SW8081	12/30/15	1	Aldrin		ug/L	U	0.002
15 MW 6	BK43852	SW8081	12/30/15	1	b-BHC		ug/L	U	0.005
15 MW 6	BK43852	SW8081	12/30/15	1	Chlordane		ug/L	U	0.050
15 MW 6	BK43852	SW8081	12/30/15	1	d-BHC		ug/L	U	0.005
15 MW 6	BK43852	SW8081	12/30/15	1	Dieldrin		ug/L	U	0.003
15 MW 6	BK43852	SW8081	12/30/15	1	Endosulfan I		ug/L	U	0.010
15 MW 6	BK43852	SW8081	12/30/15	1	Endosulfan II		ug/L	U	0.010
15 MW 6	BK43852	SW8081	12/30/15	1	Endosulfan Sulfate		ug/L	U	0.010
15 MW 6	BK43852	SW8081	12/30/15	1	Endrin		ug/L	U	0.010
15 MW 6	BK43852	SW8081	12/30/15	1	Endrin Aldehyde		ug/L	U	0.010
15 MW 6	BK43852	SW8081	12/30/15	1	Endrin ketone		ug/L	U	0.010
15 MW 6	BK43852	SW8081	12/30/15	1	g-BHC (Lindane)		ug/L	U	0.010
15 MW 6	BK43852	SW8081	12/30/15	1	g-chlordane		ug/L	U	0.010
15 MW 6	BK43852	SW8081	12/30/15	1	Heptachlor		ug/L	U	0.010
15 MW 6	BK43852	SW8081	12/30/15	1	Heptachlor epoxide		ug/L	U	0.010
15 MW 6	BK43852	SW8081	12/30/15	1	Methoxychlor		ug/L	U	0.10
15 MW 6	BK43852	SW8081	12/30/15	1	Toxaphene		ug/L	U	0.25
15 MW 6	BK43852	SW8082	12/29/15	1	PCB-1016		ug/L	U	0.050
15 MW 6	BK43852	SW8082	12/29/15	1	PCB-1221		ug/L	U	0.050
15 MW 6	BK43852	SW8082	12/29/15	1	PCB-1232		ug/L	U	0.050
15 MW 6	BK43852	SW8082	12/29/15	1	PCB-1242		ug/L	U	0.050
15 MW 6	BK43852	SW8082	12/29/15	1	PCB-1248		ug/L	U	0.050
15 MW 6	BK43852	SW8082	12/29/15	1	PCB-1254		ug/L	U	0.050
15 MW 6	BK43852	SW8082	12/29/15	1	PCB-1260		ug/L	U	0.050
15 MW 6	BK43852	SW8082	12/29/15	1	PCB-1262		ug/L	U	0.050
15 MW 6	BK43852	SW8082	12/29/15	1	PCB-1268		ug/L	U	0.050
15 MW 6	BK43852	SW8260	12/24/15	2	1,1,1,2-Tetrachloroethane		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,1,1-Trichloroethane		ug/L	U	5.0



65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK43852

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 6	BK43852	SW8260	12/24/15	2	1,1,2,2-Tetrachloroethane		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,1,2-Trichloroethane		ug/L	U	1.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,1-Dichloroethane		ug/L	U	5.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,1-Dichloroethene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,1-Dichloropropene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,2,3-Trichlorobenzene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,2,3-Trichloropropane		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,2,4-Trichlorobenzene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,2,4-Trimethylbenzene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,2-Dibromo-3-chloropropane		ug/L	UJ	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,2-Dibromoethane		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,2-Dichlorobenzene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,2-Dichloroethane		ug/L	U	0.5
15 MW 6	BK43852	SW8260	12/24/15	2	1,2-Dichloropropane		ug/L	U	1.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,3,5-Trimethylbenzene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,3-Dichlorobenzene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,3-Dichloropropane		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	1,4-Dichlorobenzene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	2,2-Dichloropropane		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	2-Chlorotoluene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	2-Hexanone		ug/L	U	5.0
15 MW 6	BK43852	SW8260	12/24/15	2	2-Isopropyltoluene	0.60	ug/L	J	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	4-Chlorotoluene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	4-Methyl-2-pentanone		ug/L	U	5.0
15 MW 6	BK43852	SW8260	12/24/15	2	Acetone		ug/L	UJ	10
15 MW 6	BK43852	SW8260	12/24/15	2	Acrolein		ug/L	UJ	5.0
15 MW 6	BK43852	SW8260	12/24/15	2	Acrylonitrile		ug/L	U	5.0
15 MW 6	BK43852	SW8260	12/24/15	2	Benzene		ug/L	U	0.5
15 MW 6	BK43852	SW8260	12/24/15	2	Bromobenzene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Bromochloromethane		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Bromodichloromethane		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Bromoform		ug/L	U	10
15 MW 6	BK43852	SW8260	12/24/15	2	Bromomethane		ug/L	U	5.0
15 MW 6	BK43852	SW8260	12/24/15	2	Carbon Disulfide		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Carbon tetrachloride		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Chlorobenzene		ug/L	U	5.0
15 MW 6	BK43852	SW8260	12/24/15	2	Chloroethane		ug/L	UJ	5.0
15 MW 6	BK43852	SW8260	12/24/15	2	Chloroform		ug/L	U	7.0
15 MW 6	BK43852	SW8260	12/24/15	2	Chloromethane		ug/L	U	5.0
15 MW 6	BK43852	SW8260	12/24/15	2	cis-1,2-Dichloroethene		ug/L	U	2.0



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK43852**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 6	BK43852	SW8260	12/24/15	2	cis-1,3-Dichloropropene		ug/L	U	0.4
15 MW 6	BK43852	SW8260	12/24/15	2	Dibromochloromethane		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Dibromomethane		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Dichlorodifluoromethane		ug/L	UJ	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Ethylbenzene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Hexachlorobutadiene		ug/L	U	0.5
15 MW 6	BK43852	SW8260	12/24/15	2	Isopropylbenzene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	m&p-Xylene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Methyl ethyl ketone		ug/L	U	5.0
15 MW 6	BK43852	SW8260	12/24/15	2	Methyl t-butyl ether (MTBE)		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Methylene chloride		ug/L	U	5.0
15 MW 6	BK43852	SW8260	12/24/15	2	Naphthalene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	n-Butylbenzene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	n-Propylbenzene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	o-Xylene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	p-Isopropyltoluene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	sec-Butylbenzene	1.0	ug/L	J	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Styrene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	tert-Butylbenzene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Tetrachloroethene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Tetrahydrofuran (THF)		ug/L	U	10
15 MW 6	BK43852	SW8260	12/24/15	2	Toluene	0.99	ug/L	J	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	trans-1,2-Dichloroethene		ug/L	U	5.0
15 MW 6	BK43852	SW8260	12/24/15	2	trans-1,3-Dichloropropene		ug/L	U	0.4
15 MW 6	BK43852	SW8260	12/24/15	2	trans-1,4-dichloro-2-butene		ug/L	U	5.0
15 MW 6	BK43852	SW8260	12/24/15	2	Trichloroethene		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Trichlorofluoromethane		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Trichlorotrifluoroethane		ug/L	U	2.0
15 MW 6	BK43852	SW8260	12/24/15	2	Vinyl chloride		ug/L	U	2.0
15 MW 6	BK43852	SW8270	12/29/15	1	1,2,4-Trichlorobenzene		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	1,2-Dichlorobenzene		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	1,2-Diphenylhydrazine		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	1,3-Dichlorobenzene		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	1,4-Dichlorobenzene		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	2,4,5-Trichlorophenol		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	2,4,6-Trichlorophenol		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	2,4-Dichlorophenol		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	2,4-Dimethylphenol		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	2,4-Dinitrophenol		ug/L	UJ	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	2,4-Dinitrotoluene		ug/L	U	5.0



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK43852**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 6	BK43852	SW8270	12/29/15	1	2,6-Dinitrotoluene		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	2-Chloronaphthalene		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	2-Chlorophenol		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	2-Methylnaphthalene		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	2-Nitroaniline		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	2-Nitrophenol		ug/L	UJ	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	3,3'-Dichlorobenzidine		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	3-Nitroaniline		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	4-Chloro-3-methylphenol		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	4-Chloroaniline		ug/L	U	3.5
15 MW 6	BK43852	SW8270	12/29/15	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	4-Nitroaniline		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	4-Nitrophenol		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	Acenaphthene	2.3	ug/L	J	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Acetophenone		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Aniline		ug/L	UJ	3.5
15 MW 6	BK43852	SW8270	12/29/15	1	Anthracene		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Benzidine		ug/L	UJ	4.5
15 MW 6	BK43852	SW8270	12/29/15	1	Benzoic acid		ug/L	UJ	25
15 MW 6	BK43852	SW8270	12/29/15	1	Benzyl butyl phthalate		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Bis(2-chloroethoxy)methane		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Bis(2-chloroethyl)ether		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Carbazole		ug/L	U	25
15 MW 6	BK43852	SW8270	12/29/15	1	Dibenzofuran		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Diethyl phthalate		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Dimethylphthalate		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Di-n-butylphthalate		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Di-n-octylphthalate		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Fluoranthene	4.4	ug/L	J	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Fluorene	1.7	ug/L	J	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Hexachlorocyclopentadiene		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Isophorone		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Naphthalene		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	N-Nitrosodimethylamine		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK43852**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 6	BK43852	SW8270	12/29/15	1	N-Nitrosodiphenylamine		ug/L	U	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Phenol		ug/L	U	1.0
15 MW 6	BK43852	SW8270	12/29/15	1	Pyrene	3.8	ug/L	J	5.0
15 MW 6	BK43852	SW8270	12/29/15	1	Pyridine		ug/L	U	10
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Acenaphthylene	0.33	ug/L	J	0.10
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Benz(a)anthracene	1.9	ug/L	J	0.02
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Benzo(a)pyrene	1.7	ug/L	J	0.02
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Benzo(b)fluoranthene	1.4	ug/L	J	0.02
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Benzo(ghi)perylene	0.70	ug/L	J	0.02
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Benzo(k)fluoranthene	1.4	ug/L		0.02
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Bis(2-ethylhexyl)phthalate		ug/L	UJ	1.0
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Chrysene	1.7	ug/L	J	0.02
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Dibenz(a,h)anthracene	0.20	ug/L	J	0.02
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Hexachlorobenzene		ug/L	UJ	0.02
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Hexachlorobutadiene		ug/L	UJ	0.40
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Hexachloroethane		ug/L	UJ	0.50
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Indeno(1,2,3-cd)pyrene	0.73	ug/L		0.02
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Nitrobenzene		ug/L	UJ	0.10
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Pentachloronitrobenzene		ug/L	UJ	0.10
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Pentachlorophenol		ug/L	UJ	0.80
15 MW 6	BK43852	SW8270C-SIM	12/28/15	1	Phenanthrene	6.0	ug/L	J	0.10
15 MW 7	BK43853	7010	12/29/15	1	Antimony		mg/L	UJ	0.002
15 MW 7	BK43853	7010	12/29/15	1	Antimony, (Dissolved)		mg/L	UJ	0.003
15 MW 7	BK43853	7010	12/29/15	1	Selenium		mg/L	U	0.002
15 MW 7	BK43853	7010	12/29/15	1	Selenium, (Dissolved)		mg/L	U	0.004
15 MW 7	BK43853	7010	12/28/15	1	Thallium - LDL		mg/L	UJ	0.0005
15 MW 7	BK43853	7010	12/28/15	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
15 MW 7	BK43853	SW6010	12/29/15	1	Aluminum	1.64	mg/L		0.010
15 MW 7	BK43853	SW6010	12/29/15	1	Aluminum (Dissolved)	0.021	mg/L	U	0.011
15 MW 7	BK43853	SW6010	12/29/15	1	Arsenic - LDL	0.027	mg/L		0.004
15 MW 7	BK43853	SW6010	12/29/15	1	Arsenic, (Dissolved)	0.005	mg/L		0.003
15 MW 7	BK43853	SW6010	12/29/15	1	Barium	0.547	mg/L		0.010
15 MW 7	BK43853	SW6010	12/29/15	1	Barium (Dissolved)	0.240	mg/L		0.011
15 MW 7	BK43853	SW6010	12/29/15	1	Beryllium		mg/L	U	0.001
15 MW 7	BK43853	SW6010	12/29/15	1	Beryllium (Dissolved)		mg/L	U	0.001
15 MW 7	BK43853	SW6010	12/29/15	1	Cadmium	0.001	mg/L	J+	0.004
15 MW 7	BK43853	SW6010	12/29/15	1	Cadmium (Dissolved)		mg/L	U	0.004
15 MW 7	BK43853	SW6010	12/29/15	10	Calcium	156	mg/L		0.10
15 MW 7	BK43853	SW6010	12/29/15	1	Calcium (Dissolved)	155	mg/L		0.01



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 7	BK43853	SW6010	12/29/15	1	Chromium	0.005	mg/L		0.001
15 MW 7	BK43853	SW6010	12/29/15	1	Chromium (Dissolved)		mg/L	U	0.001
15 MW 7	BK43853	SW6010	12/29/15	1	Cobalt	0.005	mg/L	J	0.005
15 MW 7	BK43853	SW6010	12/29/15	1	Cobalt, (Dissolved)	0.003	mg/L	J	0.005
15 MW 7	BK43853	SW6010	12/29/15	1	Copper	0.018	mg/L		0.005
15 MW 7	BK43853	SW6010	12/29/15	1	Copper, (Dissolved)		mg/L	U	0.005
15 MW 7	BK43853	SW6010	12/29/15	1	Iron	35.9	mg/L		0.01
15 MW 7	BK43853	SW6010	12/29/15	1	Iron, (Dissolved)	4.81	mg/L		0.01
15 MW 7	BK43853	SW6010	12/29/15	1	Lead	0.168	mg/L		0.002
15 MW 7	BK43853	SW6010	12/29/15	1	Lead (Dissolved)		mg/L	U	0.002
15 MW 7	BK43853	SW6010	12/29/15	1	Magnesium	25.0	mg/L		0.01
15 MW 7	BK43853	SW6010	12/29/15	1	Magnesium (Dissolved)	24.7	mg/L		0.01
15 MW 7	BK43853	SW6010	12/29/15	1	Manganese	0.530	mg/L		0.005
15 MW 7	BK43853	SW6010	12/29/15	1	Manganese, (Dissolved)	0.471	mg/L		0.005
15 MW 7	BK43853	SW6010	12/29/15	1	Nickel	0.004	mg/L	UJ	0.004
15 MW 7	BK43853	SW6010	12/29/15	1	Nickel, (Dissolved)	0.002	mg/L	U	0.004
15 MW 7	BK43853	SW6010	12/29/15	1	Potassium	33.8	mg/L		0.1
15 MW 7	BK43853	SW6010	12/29/15	1	Potassium (Dissolved)	34.6	mg/L		0.1
15 MW 7	BK43853	SW6010	12/29/15	1	Silver		mg/L	U	0.005
15 MW 7	BK43853	SW6010	12/29/15	1	Silver (Dissolved)		mg/L	U	0.005
15 MW 7	BK43853	SW6010	12/29/15	10	Sodium	109	mg/L	J+	1.0
15 MW 7	BK43853	SW6010	12/29/15	10	Sodium (Dissolved)	113	mg/L		1.1
15 MW 7	BK43853	SW6010	12/29/15	1	Vanadium	0.005	mg/L	J	0.010
15 MW 7	BK43853	SW6010	12/29/15	1	Vanadium, (Dissolved)		mg/L	U	0.011
15 MW 7	BK43853	SW6010	12/29/15	1	Zinc	0.140	mg/L		0.010
15 MW 7	BK43853	SW6010	12/29/15	1	Zinc, (Dissolved)	0.003	mg/L	J	0.011
15 MW 7	BK43853	SW7470	12/24/15	1	Mercury		mg/L	U	0.0002
15 MW 7	BK43853	SW7470	12/28/15	1	Mercury (Dissolved)		mg/L	U	0.0002
15 MW 7	BK43853	SW8081	12/29/15	5	4,4' -DDD		ug/L	U	0.050
15 MW 7	BK43853	SW8081	12/29/15	5	4,4' -DDE		ug/L	U	0.012
15 MW 7	BK43853	SW8081	12/29/15	5	4,4' -DDT		ug/L	U	0.012
15 MW 7	BK43853	SW8081	12/29/15	5	a-BHC		ug/L	U	0.012
15 MW 7	BK43853	SW8081	12/29/15	5	a-chlordane		ug/L	U	0.050
15 MW 7	BK43853	SW8081	12/29/15	5	Alachlor		ug/L	U	0.38
15 MW 7	BK43853	SW8081	12/29/15	5	Aldrin		ug/L	U	0.008
15 MW 7	BK43853	SW8081	12/29/15	5	b-BHC		ug/L	U	0.012
15 MW 7	BK43853	SW8081	12/29/15	5	Chlordane		ug/L	U	0.25
15 MW 7	BK43853	SW8081	12/29/15	5	d-BHC		ug/L	U	0.025
15 MW 7	BK43853	SW8081	12/29/15	5	Dieldrin		ug/L	U	0.008
15 MW 7	BK43853	SW8081	12/29/15	5	Endosulfan I		ug/L	U	0.050



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 7	BK43853	SW8081	12/29/15	5	Endosulfan II		ug/L	U	0.050
15 MW 7	BK43853	SW8081	12/29/15	5	Endosulfan Sulfate		ug/L	U	0.050
15 MW 7	BK43853	SW8081	12/29/15	5	Endrin		ug/L	U	0.025
15 MW 7	BK43853	SW8081	12/29/15	5	Endrin Aldehyde		ug/L	U	0.050
15 MW 7	BK43853	SW8081	12/29/15	5	Endrin ketone		ug/L	U	0.060
15 MW 7	BK43853	SW8081	12/29/15	5	g-BHC (Lindane)		ug/L	U	0.050
15 MW 7	BK43853	SW8081	12/29/15	5	g-chlordane		ug/L	U	0.050
15 MW 7	BK43853	SW8081	12/29/15	5	Heptachlor		ug/L	U	0.025
15 MW 7	BK43853	SW8081	12/29/15	5	Heptachlor epoxide		ug/L	U	0.025
15 MW 7	BK43853	SW8081	12/29/15	5	Methoxychlor		ug/L	U	0.50
15 MW 7	BK43853	SW8081	12/29/15	5	Toxaphene		ug/L	U	1.3
15 MW 7	BK43853	SW8082	12/24/15	1	PCB-1016		ug/L	U	0.050
15 MW 7	BK43853	SW8082	12/24/15	1	PCB-1221		ug/L	U	0.050
15 MW 7	BK43853	SW8082	12/24/15	1	PCB-1232		ug/L	U	0.050
15 MW 7	BK43853	SW8082	12/24/15	1	PCB-1242		ug/L	U	0.050
15 MW 7	BK43853	SW8082	12/24/15	1	PCB-1248		ug/L	U	0.050
15 MW 7	BK43853	SW8082	12/24/15	1	PCB-1254		ug/L	U	0.050
15 MW 7	BK43853	SW8082	12/24/15	1	PCB-1260		ug/L	U	0.050
15 MW 7	BK43853	SW8082	12/24/15	1	PCB-1262		ug/L	U	0.050
15 MW 7	BK43853	SW8082	12/24/15	1	PCB-1268		ug/L	U	0.050
15 MW 7	BK43853	SW8260	12/25/15	20	1,1,1,2-Tetrachloroethane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,1,1-Trichloroethane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,1,2,2-Tetrachloroethane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,1,2-Trichloroethane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,1-Dichloroethane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,1-Dichloroethene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,1-Dichloropropene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,2,3-Trichlorobenzene		ug/L	U	20
15 MW 7	BK43853	SW8260	12/25/15	20	1,2,3-Trichloropropane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,2,4-Trichlorobenzene		ug/L	U	20
15 MW 7	BK43853	SW8260	12/25/15	20	1,2,4-Trimethylbenzene	39	ug/L		20
15 MW 7	BK43853	SW8260	12/25/15	20	1,2-Dibromo-3-chloropropane		ug/L	UJ	10
15 MW 7	BK43853	SW8260	12/25/15	20	1,2-Dibromoethane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,2-Dichlorobenzene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,2-Dichloroethane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,2-Dichloropropane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,3,5-Trimethylbenzene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,3-Dichlorobenzene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,3-Dichloropropane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	1,4-Dichlorobenzene		ug/L	U	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 7	BK43853	SW8260	12/25/15	20	2,2-Dichloropropane		ug/L	UJ	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	2-Chlorotoluene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	2-Hexanone		ug/L	U	50
15 MW 7	BK43853	SW8260	12/25/15	20	2-Isopropyltoluene	88	ug/L		20
15 MW 7	BK43853	SW8260	12/25/15	20	4-Chlorotoluene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	4-Methyl-2-pentanone		ug/L	U	50
15 MW 7	BK43853	SW8260	12/25/15	20	Acetone		ug/L	U	50
15 MW 7	BK43853	SW8260	12/25/15	20	Acrolein		ug/L	UJ	50
15 MW 7	BK43853	SW8260	12/25/15	20	Acrylonitrile		ug/L	U	50
15 MW 7	BK43853	SW8260	12/25/15	20	Benzene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Bromobenzene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Bromochloromethane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Bromodichloromethane		ug/L	U	20
15 MW 7	BK43853	SW8260	12/25/15	20	Bromoform		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Bromomethane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Carbon Disulfide		ug/L	U	20
15 MW 7	BK43853	SW8260	12/25/15	20	Carbon tetrachloride		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Chlorobenzene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Chloroethane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Chloroform		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Chloromethane		ug/L	UJ	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	cis-1,2-Dichloroethene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	cis-1,3-Dichloropropene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Dibromochloromethane		ug/L	U	20
15 MW 7	BK43853	SW8260	12/25/15	20	Dibromomethane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Dichlorodifluoromethane		ug/L	UJ	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Ethylbenzene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Hexachlorobutadiene		ug/L	U	4.0
15 MW 7	BK43853	SW8260	12/25/15	20	Isopropylbenzene	100	ug/L		20
15 MW 7	BK43853	SW8260	12/25/15	20	m&p-Xylene		ug/L	U	20
15 MW 7	BK43853	SW8260	12/25/15	20	Methyl ethyl ketone		ug/L	U	50
15 MW 7	BK43853	SW8260	12/25/15	20	Methyl t-butyl ether (MTBE)		ug/L	U	20
15 MW 7	BK43853	SW8260	12/25/15	20	Methylene chloride		ug/L	U	20
15 MW 7	BK43853	SW8260	12/25/15	20	Naphthalene		ug/L	U	20
15 MW 7	BK43853	SW8260	12/25/15	20	n-Butylbenzene	97	ug/L		20
15 MW 7	BK43853	SW8260	12/25/15	20	n-Propylbenzene	170	ug/L		20
15 MW 7	BK43853	SW8260	12/25/15	20	o-Xylene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	p-Isopropyltoluene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	sec-Butylbenzene	210	ug/L		20
15 MW 7	BK43853	SW8260	12/25/15	20	Styrene		ug/L	U	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 7	BK43853	SW8260	12/25/15	20	tert-Butylbenzene	39	ug/L		20
15 MW 7	BK43853	SW8260	12/25/15	20	Tetrachloroethene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Tetrahydrofuran (THF)		ug/L	UJ	50
15 MW 7	BK43853	SW8260	12/25/15	20	Toluene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	trans-1,2-Dichloroethene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	trans-1,3-Dichloropropene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	trans-1,4-dichloro-2-butene		ug/L	UJ	50
15 MW 7	BK43853	SW8260	12/25/15	20	Trichloroethene		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Trichlorofluoromethane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Trichlorotrifluoroethane		ug/L	U	5.0
15 MW 7	BK43853	SW8260	12/25/15	20	Vinyl chloride		ug/L	UJ	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	1,2,4-Trichlorobenzene		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	1,2-Dichlorobenzene		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	1,2-Diphenylhydrazine		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	1,3-Dichlorobenzene		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	1,4-Dichlorobenzene		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	2,4,5-Trichlorophenol		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	2,4,6-Trichlorophenol		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	2,4-Dichlorophenol		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	2,4-Dimethylphenol		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	2,4-Dinitrophenol		ug/L	UJ	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	2,4-Dinitrotoluene		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	2,6-Dinitrotoluene		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	2-Chloronaphthalene		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	2-Chlorophenol		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	2-Methylnaphthalene		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	2-Nitroaniline		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	2-Nitrophenol		ug/L	UJ	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	3,3'-Dichlorobenzidine		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	3-Nitroaniline		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	4-Chloro-3-methylphenol		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	4-Chloroaniline		ug/L	U	3.5
15 MW 7	BK43853	SW8270	12/29/15	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	4-Nitroaniline		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	4-Nitrophenol		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	Acenaphthene		ug/L	U	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 7	BK43853	SW8270	12/29/15	1	Acetophenone		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Aniline		ug/L	UJ	3.5
15 MW 7	BK43853	SW8270	12/29/15	1	Anthracene		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Benzidine		ug/L	UJ	4.5
15 MW 7	BK43853	SW8270	12/29/15	1	Benzoic acid		ug/L	UJ	25
15 MW 7	BK43853	SW8270	12/29/15	1	Benzyl butyl phthalate		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Bis(2-chloroethoxy)methane		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Bis(2-chloroethyl)ether		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Carbazole		ug/L	U	25
15 MW 7	BK43853	SW8270	12/29/15	1	Dibenzofuran		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Diethyl phthalate		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Dimethylphthalate		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Di-n-butylphthalate		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Di-n-octylphthalate		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Fluoranthene		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Fluorene		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Hexachlorocyclopentadiene		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Isophorone		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Naphthalene		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	N-Nitrosodimethylamine		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	N-Nitrosodiphenylamine		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Phenol		ug/L	U	1.0
15 MW 7	BK43853	SW8270	12/29/15	1	Pyrene		ug/L	U	5.0
15 MW 7	BK43853	SW8270	12/29/15	1	Pyridine		ug/L	U	10
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Acenaphthylene		ug/L	UJ	0.10
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Benz(a)anthracene	0.24	ug/L	J	0.02
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Benzo(a)pyrene	0.27	ug/L	J	0.02
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Benzo(b)fluoranthene	0.25	ug/L	J	0.02
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Benzo(ghi)perylene	0.15	ug/L	J	0.02
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Benzo(k)fluoranthene	0.20	ug/L		0.02
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Bis(2-ethylhexyl)phthalate	2.5	ug/L	J	1.0
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Chrysene	0.23	ug/L	J	0.02
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Dibenz(a,h)anthracene	0.04	ug/L	J	0.02
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Hexachlorobenzene		ug/L	UJ	0.02
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Hexachlorobutadiene		ug/L	UJ	0.40
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Hexachloroethane		ug/L	UJ	0.50
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Indeno(1,2,3-cd)pyrene	0.14	ug/L		0.02



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Nitrobenzene		ug/L	UJ	0.10
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Pentachloronitrobenzene		ug/L	UJ	0.10
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Pentachlorophenol		ug/L	UJ	0.80
15 MW 7	BK43853	SW8270C-SIM	12/28/15	1	Phenanthrene	0.45	ug/L	J	0.10
15 MW 8	BK43854	7010	12/29/15	1	Antimony		mg/L	UJ	0.002
15 MW 8	BK43854	7010	12/29/15	1	Antimony, (Dissolved)		mg/L	UJ	0.003
15 MW 8	BK43854	7010	12/29/15	1	Selenium		mg/L	U	0.002
15 MW 8	BK43854	7010	12/29/15	1	Selenium, (Dissolved)		mg/L	U	0.004
15 MW 8	BK43854	7010	12/28/15	1	Thallium - LDL		mg/L	UJ	0.0005
15 MW 8	BK43854	7010	12/28/15	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
15 MW 8	BK43854	SW6010	12/29/15	1	Aluminum	0.093	mg/L		0.010
15 MW 8	BK43854	SW6010	12/29/15	10	Aluminum (Dissolved)	0.49	mg/L		0.11
15 MW 8	BK43854	SW6010	12/29/15	1	Arsenic - LDL	0.028	mg/L		0.004
15 MW 8	BK43854	SW6010	12/29/15	1	Arsenic, (Dissolved)	0.008	mg/L		0.003
15 MW 8	BK43854	SW6010	12/29/15	1	Barium	0.304	mg/L		0.010
15 MW 8	BK43854	SW6010	12/29/15	1	Barium (Dissolved)	0.187	mg/L		0.011
15 MW 8	BK43854	SW6010	12/29/15	1	Beryllium		mg/L	U	0.001
15 MW 8	BK43854	SW6010	12/29/15	1	Beryllium (Dissolved)		mg/L	U	0.001
15 MW 8	BK43854	SW6010	12/29/15	1	Cadmium		mg/L	U	0.004
15 MW 8	BK43854	SW6010	12/29/15	1	Cadmium (Dissolved)		mg/L	U	0.004
15 MW 8	BK43854	SW6010	12/29/15	1	Calcium	122	mg/L		0.010
15 MW 8	BK43854	SW6010	12/29/15	1	Calcium (Dissolved)	114	mg/L		0.01
15 MW 8	BK43854	SW6010	12/29/15	1	Chromium		mg/L	U	0.001
15 MW 8	BK43854	SW6010	12/29/15	1	Chromium (Dissolved)		mg/L	U	0.001
15 MW 8	BK43854	SW6010	12/29/15	1	Cobalt	0.001	mg/L	J	0.005
15 MW 8	BK43854	SW6010	12/29/15	1	Cobalt, (Dissolved)	0.002	mg/L	J	0.005
15 MW 8	BK43854	SW6010	12/29/15	1	Copper		mg/L	U	0.005
15 MW 8	BK43854	SW6010	12/29/15	1	Copper, (Dissolved)		mg/L	U	0.005
15 MW 8	BK43854	SW6010	12/29/15	1	Iron	25.3	mg/L		0.01
15 MW 8	BK43854	SW6010	12/29/15	1	Iron, (Dissolved)	5.27	mg/L		0.01
15 MW 8	BK43854	SW6010	12/29/15	1	Lead	0.010	mg/L		0.002
15 MW 8	BK43854	SW6010	12/29/15	1	Lead (Dissolved)		mg/L	U	0.002
15 MW 8	BK43854	SW6010	12/29/15	1	Magnesium	23.4	mg/L		0.01
15 MW 8	BK43854	SW6010	12/29/15	1	Magnesium (Dissolved)	22.6	mg/L		0.01
15 MW 8	BK43854	SW6010	12/29/15	1	Manganese	0.278	mg/L		0.005
15 MW 8	BK43854	SW6010	12/29/15	1	Manganese, (Dissolved)	0.261	mg/L		0.005
15 MW 8	BK43854	SW6010	12/29/15	1	Nickel	0.002	mg/L	UJ	0.004
15 MW 8	BK43854	SW6010	12/29/15	1	Nickel, (Dissolved)	0.002	mg/L	U	0.004
15 MW 8	BK43854	SW6010	12/29/15	1	Potassium	25.2	mg/L		0.1
15 MW 8	BK43854	SW6010	12/29/15	1	Potassium (Dissolved)	24.0	mg/L		0.1



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 8	BK43854	SW6010	12/29/15	1	Silver		mg/L	U	0.005
15 MW 8	BK43854	SW6010	12/29/15	1	Silver (Dissolved)		mg/L	U	0.005
15 MW 8	BK43854	SW6010	12/29/15	10	Sodium	77.0	mg/L	J+	1.0
15 MW 8	BK43854	SW6010	12/29/15	10	Sodium (Dissolved)	74.7	mg/L		1.1
15 MW 8	BK43854	SW6010	12/29/15	1	Vanadium		mg/L	U	0.010
15 MW 8	BK43854	SW6010	12/29/15	1	Vanadium, (Dissolved)		mg/L	U	0.011
15 MW 8	BK43854	SW6010	12/29/15	1	Zinc	0.008	mg/L	J	0.010
15 MW 8	BK43854	SW6010	12/29/15	1	Zinc, (Dissolved)	0.002	mg/L	J	0.011
15 MW 8	BK43854	SW7470	12/24/15	1	Mercury		mg/L	U	0.0002
15 MW 8	BK43854	SW7470	12/28/15	1	Mercury (Dissolved)		mg/L	U	0.0002
15 MW 8	BK43854	SW8081	12/30/15	1	4,4' -DDD		ug/L	U	0.010
15 MW 8	BK43854	SW8081	12/30/15	1	4,4' -DDE		ug/L	U	0.010
15 MW 8	BK43854	SW8081	12/30/15	1	4,4' -DDT		ug/L	U	0.010
15 MW 8	BK43854	SW8081	12/30/15	1	a-BHC		ug/L	U	0.005
15 MW 8	BK43854	SW8081	12/30/15	1	a-chlordane		ug/L	U	0.010
15 MW 8	BK43854	SW8081	12/30/15	1	Alachlor		ug/L	U	0.075
15 MW 8	BK43854	SW8081	12/30/15	1	Aldrin		ug/L	U	0.003
15 MW 8	BK43854	SW8081	12/30/15	1	b-BHC		ug/L	U	0.005
15 MW 8	BK43854	SW8081	12/30/15	1	Chlordane		ug/L	U	0.050
15 MW 8	BK43854	SW8081	12/30/15	1	d-BHC		ug/L	U	0.005
15 MW 8	BK43854	SW8081	12/30/15	1	Dieldrin		ug/L	U	0.002
15 MW 8	BK43854	SW8081	12/30/15	1	Endosulfan I		ug/L	U	0.010
15 MW 8	BK43854	SW8081	12/30/15	1	Endosulfan II		ug/L	U	0.010
15 MW 8	BK43854	SW8081	12/30/15	1	Endosulfan Sulfate		ug/L	U	0.010
15 MW 8	BK43854	SW8081	12/30/15	1	Endrin		ug/L	U	0.010
15 MW 8	BK43854	SW8081	12/30/15	1	Endrin Aldehyde		ug/L	U	0.010
15 MW 8	BK43854	SW8081	12/30/15	1	Endrin ketone		ug/L	U	0.010
15 MW 8	BK43854	SW8081	12/30/15	1	g-BHC (Lindane)		ug/L	U	0.005
15 MW 8	BK43854	SW8081	12/30/15	1	g-chlordane		ug/L	U	0.010
15 MW 8	BK43854	SW8081	12/30/15	1	Heptachlor		ug/L	U	0.010
15 MW 8	BK43854	SW8081	12/30/15	1	Heptachlor epoxide		ug/L	U	0.010
15 MW 8	BK43854	SW8081	12/30/15	1	Methoxychlor		ug/L	U	0.10
15 MW 8	BK43854	SW8081	12/30/15	1	Toxaphene		ug/L	U	0.25
15 MW 8	BK43854	SW8082	12/24/15	1	PCB-1016		ug/L	U	0.050
15 MW 8	BK43854	SW8082	12/24/15	1	PCB-1221		ug/L	U	0.050
15 MW 8	BK43854	SW8082	12/24/15	1	PCB-1232		ug/L	U	0.050
15 MW 8	BK43854	SW8082	12/24/15	1	PCB-1242		ug/L	U	0.050
15 MW 8	BK43854	SW8082	12/24/15	1	PCB-1248		ug/L	U	0.050
15 MW 8	BK43854	SW8082	12/24/15	1	PCB-1254		ug/L	U	0.050
15 MW 8	BK43854	SW8082	12/24/15	1	PCB-1260		ug/L	U	0.050



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 8	BK43854	SW8082	12/24/15	1	PCB-1262		ug/L	U	0.050
15 MW 8	BK43854	SW8082	12/24/15	1	PCB-1268		ug/L	U	0.050
15 MW 8	BK43854	SW8260	12/28/15	2	1,1,1,2-Tetrachloroethane		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,1,1-Trichloroethane		ug/L	U	5.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,1,2,2-Tetrachloroethane		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,1,2-Trichloroethane		ug/L	U	1.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,1-Dichloroethane		ug/L	U	5.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,1-Dichloroethene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,1-Dichloropropene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,2,3-Trichlorobenzene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,2,3-Trichloropropane		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,2,4-Trichlorobenzene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,2,4-Trimethylbenzene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,2-Dibromo-3-chloropropane		ug/L	UJ	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,2-Dibromoethane		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,2-Dichlorobenzene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,2-Dichloroethane		ug/L	U	0.5
15 MW 8	BK43854	SW8260	12/28/15	2	1,2-Dichloropropane		ug/L	U	1.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,3,5-Trimethylbenzene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,3-Dichlorobenzene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,3-Dichloropropane		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	1,4-Dichlorobenzene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	2,2-Dichloropropane		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	2-Chlorotoluene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	2-Hexanone		ug/L	U	5.0
15 MW 8	BK43854	SW8260	12/28/15	2	2-Isopropyltoluene	11	ug/L		2.0
15 MW 8	BK43854	SW8260	12/28/15	2	4-Chlorotoluene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	4-Methyl-2-pentanone		ug/L	U	5.0
15 MW 8	BK43854	SW8260	12/28/15	2	Acetone	7.3	ug/L	J	10
15 MW 8	BK43854	SW8260	12/28/15	2	Acrolein		ug/L	UJ	5.0
15 MW 8	BK43854	SW8260	12/28/15	2	Acrylonitrile		ug/L	U	5.0
15 MW 8	BK43854	SW8260	12/28/15	2	Benzene		ug/L	U	0.5
15 MW 8	BK43854	SW8260	12/28/15	2	Bromobenzene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Bromochloromethane		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Bromodichloromethane		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Bromoform		ug/L	U	10
15 MW 8	BK43854	SW8260	12/28/15	2	Bromomethane		ug/L	U	5.0
15 MW 8	BK43854	SW8260	12/28/15	2	Carbon Disulfide		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Carbon tetrachloride		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Chlorobenzene		ug/L	U	5.0



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15 MW 8	BK43854	SW8260	12/28/15	2	Chloroethane		ug/L	U	5.0
15 MW 8	BK43854	SW8260	12/28/15	2	Chloroform		ug/L	U	7.0
15 MW 8	BK43854	SW8260	12/28/15	2	Chloromethane		ug/L	U	5.0
15 MW 8	BK43854	SW8260	12/28/15	2	cis-1,2-Dichloroethene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	cis-1,3-Dichloropropene		ug/L	U	0.4
15 MW 8	BK43854	SW8260	12/28/15	2	Dibromochloromethane		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Dibromomethane		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Dichlorodifluoromethane		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Ethylbenzene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Hexachlorobutadiene		ug/L	U	0.5
15 MW 8	BK43854	SW8260	12/28/15	2	Isopropylbenzene	37	ug/L		2.0
15 MW 8	BK43854	SW8260	12/28/15	2	m&p-Xylene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Methyl ethyl ketone	5.8	ug/L		5.0
15 MW 8	BK43854	SW8260	12/28/15	2	Methyl t-butyl ether (MTBE)	5.7	ug/L		2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Methylene chloride		ug/L	U	5.0
15 MW 8	BK43854	SW8260	12/28/15	2	Naphthalene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	n-Butylbenzene	11	ug/L		2.0
15 MW 8	BK43854	SW8260	12/28/15	2	n-Propylbenzene	59	ug/L		2.0
15 MW 8	BK43854	SW8260	12/28/15	2	o-Xylene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	p-Isopropyltoluene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	sec-Butylbenzene	24	ug/L		2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Styrene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	tert-Butylbenzene	5.7	ug/L		2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Tetrachloroethene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Tetrahydrofuran (THF)		ug/L	UJ	10
15 MW 8	BK43854	SW8260	12/28/15	2	Toluene	1.7	ug/L	J	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	trans-1,2-Dichloroethene		ug/L	U	5.0
15 MW 8	BK43854	SW8260	12/28/15	2	trans-1,3-Dichloropropene		ug/L	U	0.4
15 MW 8	BK43854	SW8260	12/28/15	2	trans-1,4-dichloro-2-butene		ug/L	UJ	5.0
15 MW 8	BK43854	SW8260	12/28/15	2	Trichloroethene		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Trichlorofluoromethane		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Trichlorotrifluoroethane		ug/L	U	2.0
15 MW 8	BK43854	SW8260	12/28/15	2	Vinyl chloride		ug/L	U	2.0
15 MW 8	BK43854	SW8270	12/29/15	1	1,2,4-Trichlorobenzene		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	1,2-Dichlorobenzene		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	1,2-Diphenylhydrazine		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	1,3-Dichlorobenzene		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	1,4-Dichlorobenzene		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	2,4,5-Trichlorophenol		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	2,4,6-Trichlorophenol		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 8	BK43854	SW8270	12/29/15	1	2,4-Dichlorophenol		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	2,4-Dimethylphenol		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	2,4-Dinitrophenol		ug/L	UJ	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	2,4-Dinitrotoluene		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	2,6-Dinitrotoluene		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	2-Chloronaphthalene		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	2-Chlorophenol		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	2-Methylnaphthalene		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	2-Nitroaniline		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	2-Nitrophenol		ug/L	UJ	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	3,3'-Dichlorobenzidine		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	3-Nitroaniline		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	4-Chloro-3-methylphenol		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	4-Chloroaniline		ug/L	U	3.5
15 MW 8	BK43854	SW8270	12/29/15	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	4-Nitroaniline		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	4-Nitrophenol		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	Acenaphthene		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Acetophenone		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Aniline		ug/L	UJ	3.5
15 MW 8	BK43854	SW8270	12/29/15	1	Anthracene		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Benzidine		ug/L	UJ	4.5
15 MW 8	BK43854	SW8270	12/29/15	1	Benzoic acid		ug/L	UJ	25
15 MW 8	BK43854	SW8270	12/29/15	1	Benzyl butyl phthalate		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Bis(2-chloroethoxy)methane		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Bis(2-chloroethyl)ether		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Carbazole		ug/L	U	25
15 MW 8	BK43854	SW8270	12/29/15	1	Dibenzofuran		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Diethyl phthalate		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Dimethylphthalate		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Di-n-butylphthalate		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Di-n-octylphthalate		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Fluoranthene		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Fluorene		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Hexachlorocyclopentadiene		ug/L	U	5.0



65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK43852

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 8	BK43854	SW8270	12/29/15	1	Isophorone		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Naphthalene		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	N-Nitrosodimethylamine		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	N-Nitrosodiphenylamine		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Phenol		ug/L	U	1.0
15 MW 8	BK43854	SW8270	12/29/15	1	Pyrene		ug/L	U	5.0
15 MW 8	BK43854	SW8270	12/29/15	1	Pyridine		ug/L	U	10
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Acenaphthylene		ug/L	UJ	0.10
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Benz(a)anthracene	0.03	ug/L	J	0.02
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Benzo(a)pyrene		ug/L	UJ	0.02
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Benzo(b)fluoranthene		ug/L	UJ	0.02
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Benzo(ghi)perylene		ug/L	UJ	0.02
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Benzo(k)fluoranthene		ug/L	U	0.02
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Bis(2-ethylhexyl)phthalate		ug/L	UJ	1.0
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Chrysene		ug/L	UJ	0.02
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Dibenz(a,h)anthracene		ug/L	UJ	0.02
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Hexachlorobenzene		ug/L	UJ	0.02
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Hexachlorobutadiene		ug/L	UJ	0.40
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Hexachloroethane		ug/L	UJ	0.50
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Nitrobenzene		ug/L	UJ	0.10
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Pentachloronitrobenzene		ug/L	UJ	0.10
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Pentachlorophenol		ug/L	UJ	0.80
15 MW 8	BK43854	SW8270C-SIM	12/28/15	1	Phenanthrene	0.11	ug/L	J	0.10

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-020
SDG #: GBK43846
Client: Environmental Business Consultants
Date: 02/21/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for six (6) 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 12/22/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/23/2015 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
15MW1	BK43846	12/22/15	SVO	Water	
15MW2	BK43847	12/22/15	SVO	Water	
15MW3	BK43848	12/22/15	SVO	Water	
15MW4	BK43849	12/22/15	SVO	Water	
15MW5	BK43850	12/22/15	SVO	Water	
GW DUPLICATE	BK43851	12/22/15	SVO	Water	Field Duplicate to sample 15MW3

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 7days from sample collection and analyzed within 40days 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 12/08/2014 (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 12/23/2015 (CHEM05)-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.

- Initial calibration curve analyzed on 12/28/2015 (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	%D
2-Nitrophenol	0.040	A
Benzoic Acid	A	22.5

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW1	BK43846	2-Nitrophenol, Benzoic Acid	UJ
15MW2	BK43847	2-Nitrophenol, Benzoic Acid	UJ
15MW3	BK43848	2-Nitrophenol, Benzoic Acid	UJ
15MW4	BK43849	2-Nitrophenol, Benzoic Acid	UJ
15MW5	BK43850	2-Nitrophenol, Benzoic Acid	UJ
GW DUPLICATE	BK43851	2-Nitrophenol, Benzoic Acid	UJ

Continuing Calibration Verification (CCV):

- CCV analyzed on 12/28/2015 @ 09:03 (CHEM05)-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.
- CCV analyzed on 12/28/2015 @ 18:12 (CHEM05)-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
Benzidine	81.1

No qualifications were required.

- CCV analyzed on 12/29/2015 @ 09:05 (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 $\leq 25.0\%$ with the following exception(s):

Compound	%D
Benzidine	33.9

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW1	BK43846	Benzidine	UJ
15MW2	BK43847	Benzidine	UJ
15MW3	BK43848	Benzidine	UJ
15MW4	BK43849	Benzidine	UJ
15MW5	BK43850	Benzidine	UJ
GW DUPLICATE	BK43851	Benzidine	UJ

4. CCV analyzed on 12/29/2015 @ 20:00 (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 $\leq 50.0\%$ with the following exception(s):

Compound	%D
Benzoic Acid ⁽¹⁾	-66.1
2,4-Dinitrophenol	-50.4

(1) Results for this compound were qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW1	BK43846	Benzoic Acid, 2,4-Dinitrophenol	UJ
15MW2	BK43847	Benzoic Acid, 2,4-Dinitrophenol	UJ
15MW3	BK43848	Benzoic Acid, 2,4-Dinitrophenol	UJ
15MW4	BK43849	Benzoic Acid, 2,4-Dinitrophenol	UJ
15MW5	BK43850	Benzoic Acid, 2,4-Dinitrophenol	UJ
GW DUPLICATE	BK43851	Benzoic Acid, 2,4-Dinitrophenol	UJ

5. CCV analyzed on 12/28/2015 @ 09:04 (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 $\leq 25.0\%$ with the following exception(s):

Compound	%D
Pentachlorophenol	30.4

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW1	BK43846	Pentachlorophenol	UJ
15MW2	BK43847	Pentachlorophenol	UJ
15MW3	BK43848	Pentachlorophenol	UJ
15MW4	BK43849	Pentachlorophenol	UJ

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW5	BK43850	Pentachlorophenol	UJ
GW DUPLICATE	BK43851	Pentachlorophenol	UJ

6. CCV analyzed on 12/28/2015 @ 19:06 (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 $\leq 50.0\%$. 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
15MW2	Nitrobenzene-d5	16	Isophorone 2-Nitrophenol 2,4-Dimethylphenol Bis(2-chloroethoxy)methane Benzoic Acid 2,4-Dichlorophenol 1,2,4-Trichlorobenzene Naphthalene 4-Chloroaniline Hexachlorobutadiene 4-Chloro-3-methylphenol 2-Methylnaphthalene Hexachlorocyclopentadiene 1,2,4,5-Tetrachlorobenzene 2,4,6-Trichlorophenol 2,4,5-Trichlorophenol	UJ
15MW4	Nitrobenzene-d5	167	Isophorone	UJ
	2,4,6-Tribromophenol	113	2-Nitrophenol	UJ
			2,4-Dimethylphenol	UJ
			Bis(2-chloroethoxy)meth	UJ
			Benzoic Acid	UJ
			2,4-Dichlorophenol	UJ
			1,2,4-Trichlorobenzene	UJ
			Naphthalene	UJ
			4-Chloroaniline	UJ
			Hexachlorobutadiene	UJ
			4-Chloro-3-methylphenol	UJ
			2-Methylnaphthalene	UJ
			Hexachlorocyclopentadiene	UJ
			1,2,4,5-Tetrachlorobenzene	UJ
			2,4,6-Trichlorophenol	UJ

Client Sample ID	Surrogate	%REC	Compound	Action
			2,4,5-Trichlorophenol	UJ
			Hexachlorobenzene	UJ
			Pentachlorophenol	UJ
			Pentachloronitrobenzene	UJ
			Phenanthrene	J
15MW5	2,4,6-tribromophenol	113	Hexachlorobenzene	UJ
			Pentachlorophenol	UJ
			Pentachloronitrobenzene	UJ
			Phenanthrene	UJ

2. All surrogate %REC values were within the QC acceptance limits for the SIM scan with the following exception(s):

Client Sample ID	Surrogate	%REC	Compound	Action
15MW3	2,4,6-tribromophenol	119	Hexachlorobenzene	UJ
			Pentachlorophenol	UJ
			Pentachloronitrobenzene	UJ
			Phenanthrene	J
15MW4	2,4,6-tribromophenol	117	Hexachlorobenzene	UJ
			Pentachlorophenol	UJ
			Pentachloronitrobenzene	UJ
			Phenanthrene	J
15MW5	2,4,6-tribromophenol	128	Hexachlorobenzene	UJ
			Pentachlorophenol	UJ
			Pentachloronitrobenzene	UJ
			Phenanthrene	UJ
GW DUPLICATE	2,4,6-tribromophenol	131	Hexachlorobenzene	UJ
			Pentachlorophenol	UJ
			Pentachloronitrobenzene	UJ
			Phenanthrene	J

Internal Standard (IS) Area Performance:

1. 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):

1. Method Blank (BK43848 BLANK)-full Scan associated with the water samples extracted on 12/23/2015 and analyzed on 12/29/2015 was free of contamination. No qualifications were required.

- Method Blank (BK43848 BLANK)-SIM Scan associated with the water samples extracted on 12/23/2015 and analyzed on 12/28/2015 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

- Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BK43848-SIM were analyzed on 12/28/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Hexachloroethane	A/A/32.3	15MW1, 15MW2, 15MW3, 15MW4, 15MW5, GW DUPLICATE	UJ
Nitrobenzene	A/131/39.3	15MW1, 15MW2, 15MW3, 15MW4, 15MW5, GW DUPLICATE	UJ
Acenaphthylene	A/A/22.6	15MW1, 15MW2, 15MW3, 15MW5, GW DUPLICATE 15MW4	UJ UJ J
Hexachlorobutadiene	A/128/21.6	15MW1, 15MW2, 15MW3, 15MW4, 15MW5, GW DUPLICATE	UJ
Pentachloronitrobenzene	A/A/21.0	15MW1, 15MW2, 15MW3, 15MW4, 15MW5, GW DUPLICATE	UJ
Phenanthrene	A/A/20.3	15MW1, 15MW3, 15MW4 15MW2, 15MW5 GW DUPLICATE	J UJ J
Bis(2-ethylhexyl)phthalate	A/A/23.4	15MW1, 15MW2, 15MW3, 15MW4, 15MW5, GW DUPLICATE	UJ
Benz(a)anthracene	A/A/22.2	15MW1, 15MW2, 15MW3, 15MW4, 15MW5, GW DUPLICATE	J
Chrysene	A/A/22.0	15MW1, 15MW2, 15MW3, 15MW4, GW DUPLICATE 15MW5	J J UJ
Benzo(b)fluoranthene	A/A/25.1	15MW1, 15MW2, 15MW3, 15MW4 GW DUPLICATE 15MW5	J J UJ
Benzo(a)pyrene	A/A/21.8	15MW1, 15MW2, 15MW3, 15MW4 GW DUPLICATE 15MW5	J J UJ
Dibenz(a,h)anthracene	A/129/24.3	15MW1, 15MW2, 15MW3, 15MW5, GW DUPLICATE 15MW4	UJ UJ J
Benzo(ghi)perylene	A/126/27.0	15MW1, 15MW3, 15MW4, GW DUPLICATE	J J

Compound	%R/%R/RPD	Sample Affected	Action
		15MW2, 15MW5	UJ

A=Acceptable

- Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BK43848 were analyzed on 12/29/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Aniline	A/A/52.9	15MW1, 15MW2, 15MW3, 15MW4, 15MW5, GW DUPLICATE	UJ
Benzidine	186/0/NC	15MW1, 15MW2, 15MW3, 15MW4, 15MW5, GW DUPLICATE	UJ

(1) Results for this compound were previously qualified due to ICV criteria.

A=Acceptable

Field Duplicate:

- Sample GW DUPLICATE (BK43851) was collected as a field duplicate of sample 15MW3 (BK43848). All RPDs were < 30% with the following exception(s):

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15MW3	Benz(a)anthracene	SW-846 8270 SIM	0.11	µg/L	GW Duplicate	0.08	µg/L	31.6	J
15MW3	Benzo(a)pyrene	SW-846 8270 SIM	0.08	µg/L	GW Duplicate	0.05	µg/L	46.2	J
15MW3	Benzo(b)fluoranthene	SW-846 8270 SIM	0.07	µg/L	GW Duplicate	0.04	µg/L	54.5	J
15MW3	Benzo(ghi)perylene	SW-846 8270 SIM	0.04	µg/L	GW Duplicate	0.03	µg/L	28.6	None
15MW3	Benzo(k)fluoranthene	SW-846 8270 SIM	0.06	µg/L	GW Duplicate	0.04	µg/L	40.0	J
15MW3	Chrysene	SW-846 8270 SIM	0.10	µg/L	GW Duplicate	0.06	µg/L	50.0	J
15MW3	Indeno(1,2,3-cd)pyrene	SW-846 8270 SIM	0.04	µg/L	GW Duplicate	0.02	µg/L	66.7	J
15MW3	Phenanthrene	SW-846 8270 SIM	0.97	µg/L	GW Duplicate	1.0	µg/L	3.0	None

Matrix Spike (MS)/Matrix Spike Duplicate (MSD):

- Matrix Spike (MS) was performed on sample 15MW3 (BK43848). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Action
Pyridine	A/A/23.7	UJ
Phenol	A/A/20.2	UJ

Compound	%R/%R/RPD	Action
Aniline	A/A/29.1	UJ
N-Nitrosodi-n-propylamine	A/A/21.3	UJ
4-Chloroaniline	A/A/26.7	UJ
Hexachlorocyclopentadiene	A/A/30.8	UJ
4-Nitroaniline	A/A/51.9	UJ
3-Nitroaniline	A/A/39.2	UJ
4-Nitrophenol	A/122/A	None
2-Nitroaniline	A/A/88.1	UJ
Benzidine	0/0/NC	R
3,3'-Dichlorobenzidine	0/0/NC	R
Hexachloroethane	A/A/30.7	UJ
Hexachlorobutadiene	A/A/27.9	UJ
1,2,4,5-Tetrachlorobenzene	A/A/29.9	UJ
Acenaphthylene	A/A/25.7	UJ
Hexachlorobenzene	A/A/30.6	UJ
Pentachlorophenol	A/A/50.3	UJ
Pentachloronitrobenzene	A/A/27.2	UJ
Phenanthrene	A/A/31.8	J
Bis(2-ethylhexyl)phthalate	A/A/20.5	UJ
Benz(a)anthracene	A/A/32.9	J
Chrysene	A/A/30.6	J
Benzo(b)fluoranthene	A/A/36.5	J
Benzo(k)fluoranthene	A/A/33.1	J
Benzo(a)pyrene	A/A/37.5	J
Indeno(1,2,3-cd)pyrene	A/A/24.3	J
Dibenz(a,h)anthracene	A/A/23.4	UJ
Benzo(ghi)perylene	A/A/22.5	J

A= Acceptable

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: BK43848 LCS

2,4-Dimethylphenol

Initial Volume: 1000ml

Final volume: 1ml

Volume injected: 1μl

Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{192524 \times 40 \times 1\text{ml} \times 1 \times 1000}{504551 \times 0.329 \times 1 \times 1000\text{ml}} = 46.3\mu\text{g/L}$$

Compound	Laboratory (μg/L)	Validation (μg/L)	%D
2,4-Dimethylphenol	46.0	46.0	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: GBK43846.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK43846.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-020
SDG #: GBK43846
Client: Environmental Business Consultants
Date: 02/21/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for six (6) water samples analyzed for Volatiles by SW-846 Method 8260C in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 12/22/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/23/2015 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
15MW1	BK43846	12/22/15	VOA	Water	
15MW2	BK43847	12/22/15	VOA	Water	
15MW3	BK43848	12/22/15	VOA	Water	
15MW4	BK43849	12/22/15	VOA	Water	
15MW5	BK43850	12/22/15	VOA	Water	
GW DUPLICATE	BK43851	12/22/15	VOA	Water	Field Duplicate to sample 15MW3

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 12/24/2015 (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	%D
Acrolein	0.033	A
Tetrahydrofuran	0.048	A
Trans-1,4-Dichloro-2-butene	A	21.9
1,2-Dibromo-3-Chloropropane	0.030	A

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15MW1	BK43846	Acrolein, Tetrahydrofuran, Trans-1,4-Dichloro-2-butene, 1,2-Dibromo-3-Chloropropane	UJ
15MW2	BK43847	Acrolein, Tetrahydrofuran, Trans-1,4-Dichloro-2-butene, 1,2-Dibromo-3-Chloropropane	UJ
15MW3	BK43848	Acrolein, Tetrahydrofuran, Trans-1,4-Dichloro-2-butene, 1,2-Dibromo-3-Chloropropane	UJ
15MW4	BK43849	Acrolein, Tetrahydrofuran, Trans-1,4-Dichloro-2-butene, 1,2-Dibromo-3-Chloropropane	UJ
15MW5	BK43850	Acrolein, Tetrahydrofuran, Trans-1,4-Dichloro-2-butene, 1,2-Dibromo-3-Chloropropane	UJ
GW DUPLICATE	BK43851	Acrolein, Tetrahydrofuran, Trans-1,4-Dichloro-2-butene, 1,2-Dibromo-3-Chloropropane	UJ

Continuing Calibration Verification (CCV):

1. CCV analyzed on 12/25/2015 @ 07:08 (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.
2. CCV analyzed on 12/28/2015 @ 08:44 (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.
3. CCV analyzed on 12/28/2015 @ 17:41 (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.

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 BK43846) was analyzed on 12/28/2015 was free of contamination. No qualifications were required.
2. Method Blank (BLANK BK43848) was analyzed on 12/24/2015 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: BK43846 were analyzed on 12/28/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Dichlorodifluoromethane	141/141/A	15MW2, 15MW3, 15MW5, GW DUPLICATE	None
Bromomethane	143/137/A	15MW2, 15MW3, 15MW5, GW DUPLICATE	None

A= Acceptable

2. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BK43848 were analyzed on 12/24/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Dichlorodifluoromethane	A/132/A	15MW1, 15MW4, 15MW4 DL	None

A= Acceptable

Field Duplicate:

1. Sample GW DUPLICATE (BK43851) was collected as a field duplicate of sample 15MW3 (BK43848). All RPDs were < 30% with the following exception(s):

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15MW3	Acetone	SW-846 8260	4.5	µg/L	GW Duplicate	3.0	µg/L	40.0	J
15MW3	Chloromethane	SW-846 8260	0.46	µg/L	GW Duplicate	0.31	µg/L	39.0	J
15MW3	Methyl Ether Ketone	SW-846 8260	4.5	µg/L	GW Duplicate	2.7	µg/L	50.0	J
15MW3	Methyl t-butyl ether	SW-846 8260	2.2	µg/L	GW Duplicate	2.1	µg/L	4.7	None
15MW3	Sec-Butylbenzene	SW-846 8260	0.88	µg/L	GW Duplicate	0.69	µg/L	24.2	None
15MW3	Tert-butylbenzene	SW-846 8260	1.8	µg/L	GW Duplicate	1.6	µg/L	11.8	None
15MW3	Toluene	SW-846 8260	1.9	µg/L	GW Duplicate	1.4	µg/L	30.3	J

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15MW3 (BK43848). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Action
Dichlorodifluoromethane	136/A/A	None
Acetone	68/53/A	J

A= Acceptable

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.

15MW3 (BK43848)

Chloromethane

Sample Volume= 25ml

Volume purged=25ml

DF = 1

$$\text{Concentration (}\mu\text{g/L)} = \frac{15685 \times 25 \times 10 \times 1}{493366 \times 0.691 \times 25} = 0.46\mu\text{g/L}$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
Chloromethane	0.46	0.46	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: GBK43846.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK43846.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-020
SDG #: GBK43846
Client: Environmental Business Consultants
Date: 02/21/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for six (6) 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 12/22/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/23/2015 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
15MW1	BK43846	12/22/15	Pesticides	Water	
15MW2	BK43847	12/22/15	Pesticides	Water	
15MW3	BK43848	12/22/15	Pesticides	Water	
15MW4	BK43849	12/22/15	Pesticides	Water	
15MW5	BK43850	12/22/15	Pesticides	Water	
GW DUPLICATE	BK43851	12/22/15	Pesticides	Water	Field Duplicate to sample 15MW3

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 12/21/2015 (ECD13) exhibited acceptable %RSD (20%, [25% for alpha-BHC and delta-BHC, 30% for Toxaphene]) on both columns. No qualifications are required.

All sample results were reported from Column B. No qualifications were required.

Continuing Calibration Verification (CCV):

1. The CCV analyzed on 12/29/2015 exhibited acceptable %Ds ($\leq 20.0\%$) 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%). 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 (BK43848) associated with the water samples extracted on 12/28/2015 and analyzed on 12/29/2015 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: BK43848 were analyzed on 12/29/2015. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample GW DUPLICATE (BK43851) was collected as a field duplicate of sample 15MW3 (BK43848). Both sample results were reported as non-detects. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample MW12D (BK32364). All %RECs were within the laboratory 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. Manual Calculation:

BK43848 LCS

4,4'-DDD

On Column concentration (B)= 40.4912ng

Sample Volume= 1000ml

DF = 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{40.4912\text{ng} \times 5\text{ml}}{1000} = 0.202\mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
4,4'-DDD	0.202	0.202	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: GBK43846.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK43846.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-020
SDG #: GBK43846
Client: Environmental Business Consultants
Date: 02/21/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for six (6) 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 12/22/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/23/2015 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
15MW1	BK43846	12/22/15	PCBs	Water	
15MW2	BK43847	12/22/15	PCBs	Water	
15MW3	BK43848	12/22/15	PCBs	Water	
15MW4	BK43849	12/22/15	PCBs	Water	
15MW5	BK43850	12/22/15	PCBs	Water	
GW DUPLICATE	BK43851	12/22/15	PCBs	Water	Field Duplicate to sample 15MW3

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 12/24/2014 (ECD5) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.
2. All sample results were reported from Column B.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 12/05/2015 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%). 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 (BK43848 BL) associated with the water samples extracted on 12/23/2015 and analyzed on 12/24/2015 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: BK43848 were analyzed on 12/24/2015. All %RECs and RPDs were within the laboratory control limits (50% - 150% [30%-150% for surrogates]). No qualifications were required.

Field Duplicate:

1. Sample GW DUPLICATE (BK43851) was collected as a field duplicate of sample 15MW3 (BK43848). Both sample results were reported as non-detects. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15MW3 (BK43848). All %RECs were within the laboratory 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. Manual Calculation:

BK43848 LCS

Aroclor-1016

On Column concentration (B)= 394.502ng

Sample Volume= 1000ml

DF= 1

Vi= 5ml

$$\text{Concentration } (\mu\text{g/L}) = \frac{394.502\text{ng} \times 5\text{ml} \times 1}{1000} = 1.97\mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
Aroclor-1260	1.97	1.97	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: GBK43846.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK43846.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-020
SDG #: GBK43846
Client: Environmental Business Consultants
Date: 02/21/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for six (6) 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 12/22/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/23/2015 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
15MW1*	BK43846	12/22/15	ICP, GFAA and CVAA	Water	
15MW2*	BK43847	12/22/15	ICP, GFAA and CVAA	Water	
15MW3*	BK43848	12/22/15	ICP, GFAA and CVAA	Water	
15MW4*	BK43849	12/22/15	ICP, GFAA and CVAA	Water	
15MW5*	BK43850	12/22/15	ICP, GFAA and CVAA	Water	
GW DUPLICATE*	BK43851	12/22/15	ICP, GFAA and CVAA	Water	Field Duplicate to sample 15MW3

*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 total samples with the following exception(s):

Analyte	Date Analyzed	%R	Sample Affected	Action
Sodium	12/29/15: 9:24	120.4	15MW3, 15MW1, 15MW2, 15MW4, 15MW5, GW DUPLICATE	J

2. All %RECs in the ICV and CCVs were within QC limits (90-110%) for dissolved samples. No qualifications were required.

Mercury:

Dissolved:

- 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 (80-115%). No qualifications were required.

Total:

- 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 (80-115%). No qualifications were required.

CRQL Check Standard (CRI):

Total:

1. 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
Calcium	12/29/15: 12:24	130.3	-	15MW2 15MW3, 15MW1, 15MW4, 15MW5, GW DUPLICATE	J None None
Nickel	12/29/15: 12:24	69.8	-	15MW3, 15MW1, 15MW2, 15MW4, 15MW5, GW DUPLICATE	UJ
Thallium	12/28/15: 11:19	52.7	-	15MW3, 15MW1, 15MW2, 15MW4, 15MW5, GW DUPLICATE	UJ
Antimony	12/29/15: 15:31	40.0	-	15MW3, 15MW1, 15MW2, 15MW4, 15MW5, GW DUPLICATE	UJ

Dissolved:

1. All CRI analyzed on 12/7/2015 %RECs were within the control limits (70-130%) with the following exception(s):

Analyte	Date Analyzed	Initial %R	Final %R	Sample Affected	Action
Thallium	12/28/2015: 11:19	52.7	-	15MW1, 15MW2, 15MW3, 15MW4, 15MW5, GW DUPLICATE	UJ
Antimony	12/29/2015: 15:31	40.0	—	15MW4 15MW1, 15MW2, 15MW3, 15MW5 GW DUPLICATE	J UJ UJ

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 and GFAA:****Total:**

1. Method Blank-Water (total) (BK43848BLK) (furnace) digested on 12/23/2015 was free of contamination. No qualifications were required.
2. Method Blank-Water (total) (BK43848 BLK) (ICP) digested on 12/23/2015 was free of contamination with the following exception(s):

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Nickel	1	4	15MW1, 15MW2, 15MW3, 15MW4, 15MW5, GW DUPLICATE	U

*= 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 (total) analyzed on 12/29/2015.

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Nickel	1	4	None	None
Nickel	2	4	15MW3	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.

Dissolved:

1. Method Blank-Water (dissolved) (BK43848 BLK) (furnace) digested on 12/23/2015 was free of contamination. No qualifications were required.
2. Method Blank-Water (dissolved) (BK43848 BLK) (ICP) digested on 12/23/2015 was free of contamination. No qualifications were required.
3. ICBs and CCBs (dissolved) analyzed on 12/29/2015.

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Nickel	1	4	None	None
Nickel	1	4	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) (BK43848 BLK) digested on 12/28/2015 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) (BK43568 BLK) digested on 12/24/2015 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. Sample GW DUPLICATE (BK43851) was collected as a field duplicate of sample 15MW3 (BK43848). RPDs were $\leq 35\%$ (or difference $< \text{PQL}$) with the following exception(s):

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD (or Difference)	Qualifier
15MW 3	Aluminum	SW8466010B	0.73	mg/L	GW DUPLICATE	ND	mg/L	(0.6)	J/UJ
15MW 3	Arsenic	SW8466010B	0.001	mg/L	GW DUPLICATE	0.001	mg/L	(0)	None
15MW 3	Barium	SW8466010B	0.324	mg/L	GW DUPLICATE	0.327	mg/L	0.9	None
15MW 3	Calcium	SW8466010B	232	mg/L	GW DUPLICATE	250	mg/L	7.5	None
15MW 3	Iron	SW8466010B	0.03	mg/L	GW DUPLICATE	0.03	mg/L	(0)	None
15MW 3	Lead	SW8466010B	0.001	mg/L	GW DUPLICATE	ND	mg/L	(0.001)	None
15MW 3	Magnesium	SW8466010B	19.6	mg/L	GW DUPLICATE	19.3	mg/L	1.5	None
15MW 3	Manganese	SW8466010B	1.21	mg/L	GW DUPLICATE	1.18	mg/L	2.5	None
15MW 3	Potassium	SW8466010B	27.4	mg/L	GW DUPLICATE	28.7	mg/L	4.6	None
15MW 3	Selenium	SW8467010	0.003	mg/L	GW DUPLICATE	0.003	mg/L	(0)	None
15MW 3	Sodium	SW8466010B	203	mg/L	GW DUPLICATE	211	mg/L	3.9	None

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD (or Difference)	Qualifier
15MW 3	Zinc	SW8466010B	0.009	mg/L	GW DUPLICATE	0.009	mg/L	(0)	None

Total:

1. Sample GW DUPLICATE (BK43851) was collected as a field duplicate of sample 15MW3 (BK43848). RPDs were $\leq 35\%$ (or difference $< \text{PQL}$). No qualifications were required.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD (or Difference)	Qualifier
15MW 3	Aluminum	SW8466010B	0.282	mg/L	GW DUPLICATE	0.235	mg/L	18.2	None
15MW 3	Arsenic	SW8466010B	0.004	mg/L	GW DUPLICATE	0.005	mg/L	(0.001)	None
15MW 3	Barium	SW8466010B	0.395	mg/L	GW DUPLICATE	0.398	mg/L	0.8	None
15MW 3	Calcium	SW8466010B	257	mg/L	GW DUPLICATE	268	mg/L	4.2	None
15MW 3	Copper	SW8466010B	0.003	mg/L	GW DUPLICATE	0.002	mg/L	(0.001)	None
15MW 3	Iron	SW8466010B	5.87	mg/L	GW DUPLICATE	5.98	mg/L	1.9	None
15MW 3	Lead	SW8466010B	0.022	mg/L	GW DUPLICATE	0.019	mg/L	14.6	None
15MW 3	Magnesium	SW8466010B	19.6	mg/L	GW DUPLICATE	19.8	mg/L	1.0	None
15MW 3	Manganese	SW8466010B	1.21	mg/L	GW DUPLICATE	1.22	mg/L	0.8	None
15MW 3	Potassium	SW8466010B	28.1	mg/L	GW DUPLICATE	28.4	mg/L	1.1	None
15MW 3	Selenium	SW8467010	ND	mg/L	GW DUPLICATE	0.001	mg/L	(0.001)	None
15MW 3	Sodium	SW8466010B	212	mg/L	GW DUPLICATE	230	mg/L	8.1	None
15MW 3	Vanadium	SW8466010B	0.002	mg/L	GW DUPLICATE	ND	mg/L	(0.008)	None
15MW 3	Zinc	SW8466010B	0.059	mg/L	GW DUPLICATE	0.055	mg/L	7.0	None

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

ICP-AES, GFAA and CVAA (Total):

1. Matrix Spike (MS) was performed on sample 15MW3 (BK43848) 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
Aluminum	146/A	15 MW3	J+

A= Acceptable

ICP-AES, GFAA and CVAA (Dissolved):

1. Matrix Spike (MS) was performed on sample 15MW3 (BK43848) for dissolved metals and mercury. All %Rs were within the laboratory control limits. No qualifications were required.

Sample Duplicate:

ICP-AES, GFAA and CVAA:

1. Laboratory Duplicate was performed on sample 15MW3 (BK43848) (total) for ICP-AES, GFAA, and mercury. All RPDs were within the laboratory control limits. No qualifications were required.
2. Laboratory Duplicate was performed on sample 15MW3 (BK43848) (dissolved) for ICP-AES, GFAA, and mercury. All RPDs were within the laboratory control limits with the following exception(s):

Element	%R	Sample Affected	Action
Aluminum	135.6	15 MW3	J

ICP-AES Serial Dilution:

Total:

1. ICP serial dilution was performed on sample 15MW3 (BK43848). 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
Aluminum	22.3	15MW3	J+

Dissolved:

1. ICP serial dilution was performed on sample 15MW3 (BK43848). For all results for which the concentration in the original sample is $\geq 50\times$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit ($\%D \pm 10\%$). 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: 15MW1 (BK43846)

Barium (total)

DF: 1

0.3505mg/L was reported on the raw data and the laboratory reported 0.350mg/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: GBK43846.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK43846.



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK43846**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 1	BK43846	7010	12/29/15	1	Antimony, (Dissolved)		mg/L	UJ	0.003
15 MW 1	BK43846	7010	12/29/15	1	Antimony		mg/L	UJ	0.002
15 MW 1	BK43846	7010	12/28/15	1	Selenium, (Dissolved)		mg/L	U	0.004
15 MW 1	BK43846	7010	12/29/15	1	Selenium		mg/L	U	0.002
15 MW 1	BK43846	7010	12/28/15	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
15 MW 1	BK43846	7010	12/28/15	1	Thallium - LDL		mg/L	UJ	0.0005
15 MW 1	BK43846	SW6010	12/28/15	10	Sodium (Dissolved)	114	mg/L		1.1
15 MW 1	BK43846	SW6010	12/29/15	1	Aluminum (Dissolved)		mg/L	U	0.011
15 MW 1	BK43846	SW6010	12/29/15	1	Iron, (Dissolved)	1.63	mg/L		0.01
15 MW 1	BK43846	SW6010	12/29/15	1	Lead (Dissolved)		mg/L	U	0.002
15 MW 1	BK43846	SW6010	12/29/15	1	Magnesium (Dissolved)	12.4	mg/L		0.01
15 MW 1	BK43846	SW6010	12/29/15	1	Manganese, (Dissolved)	0.848	mg/L		0.005
15 MW 1	BK43846	SW6010	12/29/15	1	Nickel, (Dissolved)	0.001	mg/L	J	0.004
15 MW 1	BK43846	SW6010	12/29/15	1	Potassium (Dissolved)	15.4	mg/L		0.1
15 MW 1	BK43846	SW6010	12/29/15	1	Silver (Dissolved)		mg/L	U	0.005
15 MW 1	BK43846	SW6010	12/29/15	1	Arsenic, (Dissolved)	0.003	mg/L	J	0.003
15 MW 1	BK43846	SW6010	12/29/15	1	Barium (Dissolved)	0.243	mg/L		0.011
15 MW 1	BK43846	SW6010	12/29/15	1	Beryllium (Dissolved)		mg/L	U	0.001
15 MW 1	BK43846	SW6010	12/29/15	1	Cadmium (Dissolved)		mg/L	U	0.004
15 MW 1	BK43846	SW6010	12/29/15	1	Chromium (Dissolved)		mg/L	U	0.001
15 MW 1	BK43846	SW6010	12/29/15	1	Cobalt, (Dissolved)		mg/L	U	0.005
15 MW 1	BK43846	SW6010	12/29/15	1	Copper, (Dissolved)		mg/L	U	0.005
15 MW 1	BK43846	SW6010	12/29/15	1	Vanadium, (Dissolved)		mg/L	U	0.011
15 MW 1	BK43846	SW6010	12/29/15	1	Zinc, (Dissolved)	0.002	mg/L	J	0.011
15 MW 1	BK43846	SW6010	12/29/15	1	Calcium (Dissolved)	157	mg/L		0.01
15 MW 1	BK43846	SW6010	12/29/15	10	Sodium	112	mg/L	J	1.0
15 MW 1	BK43846	SW6010	12/29/15	10	Calcium	158	mg/L		0.10
15 MW 1	BK43846	SW6010	12/29/15	1	Aluminum	0.220	mg/L		0.010
15 MW 1	BK43846	SW6010	12/29/15	1	Iron	21.2	mg/L		0.01
15 MW 1	BK43846	SW6010	12/29/15	1	Lead	0.030	mg/L		0.002
15 MW 1	BK43846	SW6010	12/29/15	1	Magnesium	12.7	mg/L		0.01
15 MW 1	BK43846	SW6010	12/29/15	1	Manganese	0.882	mg/L		0.005
15 MW 1	BK43846	SW6010	12/29/15	1	Potassium	15.4	mg/L		0.1
15 MW 1	BK43846	SW6010	12/29/15	1	Silver		mg/L	U	0.005
15 MW 1	BK43846	SW6010	12/29/15	1	Arsenic - LDL	0.009	mg/L		0.004
15 MW 1	BK43846	SW6010	12/29/15	1	Barium	0.350	mg/L		0.010
15 MW 1	BK43846	SW6010	12/29/15	1	Beryllium		mg/L	U	0.001
15 MW 1	BK43846	SW6010	12/29/15	1	Chromium	0.001	mg/L		0.001
15 MW 1	BK43846	SW6010	12/29/15	1	Cobalt		mg/L	U	0.005
15 MW 1	BK43846	SW6010	12/29/15	1	Copper	0.002	mg/L	J	0.005



65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK43846

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 1	BK43846	SW6010	12/29/15	1	Vanadium		mg/L	U	0.010
15 MW 1	BK43846	SW6010	12/29/15	1	Zinc	0.023	mg/L		0.010
15 MW 1	BK43846	SW6010	12/29/15	1	Cadmium		mg/L	U	0.004
15 MW 1	BK43846	SW6010	12/29/15	1	Nickel	0.003	mg/L	UJ	0.004
15 MW 1	BK43846	SW7470	12/24/15	1	Mercury		mg/L	U	0.0002
15 MW 1	BK43846	SW7470	12/28/15	1	Mercury (Dissolved)		mg/L	U	0.0002
15 MW 1	BK43846	SW8081	12/29/15	1	Heptachlor epoxide		ug/L	U	0.010
15 MW 1	BK43846	SW8081	12/29/15	1	Endosulfan Sulfate		ug/L	U	0.010
15 MW 1	BK43846	SW8081	12/29/15	1	Alachlor		ug/L	U	0.075
15 MW 1	BK43846	SW8081	12/29/15	1	Aldrin		ug/L	U	0.002
15 MW 1	BK43846	SW8081	12/29/15	1	a-BHC		ug/L	U	0.005
15 MW 1	BK43846	SW8081	12/29/15	1	b-BHC		ug/L	U	0.005
15 MW 1	BK43846	SW8081	12/29/15	1	d-BHC		ug/L	U	0.005
15 MW 1	BK43846	SW8081	12/29/15	1	Endosulfan II		ug/L	U	0.010
15 MW 1	BK43846	SW8081	12/29/15	1	4,4' -DDT		ug/L	U	0.010
15 MW 1	BK43846	SW8081	12/29/15	1	a-chlordane		ug/L	U	0.010
15 MW 1	BK43846	SW8081	12/29/15	1	g-chlordane		ug/L	U	0.010
15 MW 1	BK43846	SW8081	12/29/15	1	Endrin ketone		ug/L	U	0.010
15 MW 1	BK43846	SW8081	12/29/15	1	Chlordane		ug/L	U	0.050
15 MW 1	BK43846	SW8081	12/29/15	1	g-BHC (Lindane)		ug/L	U	0.005
15 MW 1	BK43846	SW8081	12/29/15	1	Dieldrin		ug/L	U	0.002
15 MW 1	BK43846	SW8081	12/29/15	1	Endrin		ug/L	U	0.010
15 MW 1	BK43846	SW8081	12/29/15	1	Methoxychlor		ug/L	U	0.10
15 MW 1	BK43846	SW8081	12/29/15	1	4,4' -DDD		ug/L	U	0.010
15 MW 1	BK43846	SW8081	12/29/15	1	4,4' -DDE		ug/L	U	0.010
15 MW 1	BK43846	SW8081	12/29/15	1	Endrin Aldehyde		ug/L	U	0.010
15 MW 1	BK43846	SW8081	12/29/15	1	Heptachlor		ug/L	U	0.010
15 MW 1	BK43846	SW8081	12/29/15	1	Toxaphene		ug/L	U	0.20
15 MW 1	BK43846	SW8081	12/29/15	1	Endosulfan I		ug/L	U	0.010
15 MW 1	BK43846	SW8082	12/24/15	1	PCB-1260		ug/L	U	0.050
15 MW 1	BK43846	SW8082	12/24/15	1	PCB-1254		ug/L	U	0.050
15 MW 1	BK43846	SW8082	12/24/15	1	PCB-1268		ug/L	U	0.050
15 MW 1	BK43846	SW8082	12/24/15	1	PCB-1221		ug/L	U	0.050
15 MW 1	BK43846	SW8082	12/24/15	1	PCB-1232		ug/L	U	0.050
15 MW 1	BK43846	SW8082	12/24/15	1	PCB-1248		ug/L	U	0.050
15 MW 1	BK43846	SW8082	12/24/15	1	PCB-1016		ug/L	U	0.050
15 MW 1	BK43846	SW8082	12/24/15	1	PCB-1262		ug/L	U	0.050
15 MW 1	BK43846	SW8082	12/24/15	1	PCB-1242		ug/L	U	0.050
15 MW 1	BK43846	SW8260	12/28/15	1	Ethylbenzene	1.8	ug/L		1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Styrene		ug/L	U	1.0



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK43846**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 1	BK43846	SW8260	12/28/15	1	cis-1,3-Dichloropropene		ug/L	U	0.40
15 MW 1	BK43846	SW8260	12/28/15	1	trans-1,3-Dichloropropene		ug/L	U	0.40
15 MW 1	BK43846	SW8260	12/28/15	1	n-Propylbenzene	6.2	ug/L		1.0
15 MW 1	BK43846	SW8260	12/28/15	1	n-Butylbenzene	5.0	ug/L		1.0
15 MW 1	BK43846	SW8260	12/28/15	1	4-Chlorotoluene		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,4-Dichlorobenzene	0.91	ug/L	J	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,2-Dibromoethane		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Acrolein		ug/L	UJ	5.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,2-Dichloroethane		ug/L	U	0.60
15 MW 1	BK43846	SW8260	12/28/15	1	Acrylonitrile		ug/L	U	5.0
15 MW 1	BK43846	SW8260	12/28/15	1	4-Methyl-2-pentanone		ug/L	U	2.5
15 MW 1	BK43846	SW8260	12/28/15	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Bromobenzene		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Toluene	1.9	ug/L		1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Chlorobenzene	8.1	ug/L		5.0
15 MW 1	BK43846	SW8260	12/28/15	1	Tetrahydrofuran (THF)		ug/L	UJ	5.0
15 MW 1	BK43846	SW8260	12/28/15	1	trans-1,4-dichloro-2-butene		ug/L	UJ	2.5
15 MW 1	BK43846	SW8260	12/28/15	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Dibromochloromethane		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Tetrachloroethene	0.32	ug/L	J	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	sec-Butylbenzene	15	ug/L		1.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,3-Dichloropropane		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	cis-1,2-Dichloroethene	13	ug/L		1.0
15 MW 1	BK43846	SW8260	12/28/15	1	trans-1,2-Dichloroethene		ug/L	U	5.0
15 MW 1	BK43846	SW8260	12/28/15	1	Methyl t-butyl ether (MTBE)	1.2	ug/L		1.0
15 MW 1	BK43846	SW8260	12/28/15	1	m&p-Xylene	0.90	ug/L	J	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	2-Isopropyltoluene	7.0	ug/L		1.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,3-Dichlorobenzene		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Carbon tetrachloride		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,1-Dichloropropene		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	2-Hexanone		ug/L	U	2.5
15 MW 1	BK43846	SW8260	12/28/15	1	2,2-Dichloropropane		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Acetone		ug/L	U	5.0
15 MW 1	BK43846	SW8260	12/28/15	1	Chloroform		ug/L	U	5.0
15 MW 1	BK43846	SW8260	12/28/15	1	Benzene	0.28	ug/L	J	0.70
15 MW 1	BK43846	SW8260	12/28/15	1	1,1,1-Trichloroethane		ug/L	U	5.0
15 MW 1	BK43846	SW8260	12/28/15	1	Bromomethane		ug/L	U	5.0
15 MW 1	BK43846	SW8260	12/28/15	1	Chloromethane		ug/L	U	5.0
15 MW 1	BK43846	SW8260	12/28/15	1	Dibromomethane		ug/L	U	1.0



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK43846**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 1	BK43846	SW8260	12/28/15	1	Bromochloromethane		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Chloroethane		ug/L	U	5.0
15 MW 1	BK43846	SW8260	12/28/15	1	Vinyl chloride	13	ug/L		1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Methylene chloride		ug/L	U	3.0
15 MW 1	BK43846	SW8260	12/28/15	1	Carbon Disulfide		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Bromoform		ug/L	U	5.0
15 MW 1	BK43846	SW8260	12/28/15	1	Bromodichloromethane		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,1-Dichloroethane		ug/L	U	5.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,1-Dichloroethene		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Trichlorofluoromethane		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Dichlorodifluoromethane		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Trichlorotrifluoroethane		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,2-Dichloropropane		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Methyl ethyl ketone		ug/L	U	2.5
15 MW 1	BK43846	SW8260	12/28/15	1	1,1,2-Trichloroethane		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Trichloroethene	3.5	ug/L		1.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Hexachlorobutadiene		ug/L	U	0.50
15 MW 1	BK43846	SW8260	12/28/15	1	Naphthalene		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	o-Xylene	0.39	ug/L	J	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	2-Chlorotoluene		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,2-Dichlorobenzene	0.99	ug/L	J	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	1,2,3-Trichloropropane		ug/L	U	1.0
15 MW 1	BK43846	SW8260	12/28/15	1	tert-Butylbenzene	6.0	ug/L		1.0
15 MW 1	BK43846	SW8260	12/28/15	1	Isopropylbenzene	8.5	ug/L		1.0
15 MW 1	BK43846	SW8260	12/28/15	1	p-Isopropyltoluene		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	4-Nitroaniline		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	4-Nitrophenol		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	2,4-Dimethylphenol		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	1,4-Dichlorobenzene		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	4-Chloroaniline		ug/L	U	3.5
15 MW 1	BK43846	SW8270	12/29/15	1	Phenol		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	Pyridine		ug/L	U	10
15 MW 1	BK43846	SW8270	12/29/15	1	Bis(2-chloroethyl)ether		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	Bis(2-chloroethoxy)methane		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Di-n-octylphthalate		ug/L	U	5.0



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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 1	BK43846	SW8270	12/29/15	1	Anthracene		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	1,2,4-Trichlorobenzene		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	2,4-Dichlorophenol		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	2,4-Dinitrotoluene		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	1,2-Diphenylhydrazine		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Pyrene		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Dimethylphthalate		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Dibenzofuran		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Fluoranthene		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	2,4-Dinitrophenol		ug/L	UJ	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	1,3-Dichlorobenzene		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	4-Chloro-3-methylphenol		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	2,6-Dinitrotoluene		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Aniline		ug/L	UJ	3.5
15 MW 1	BK43846	SW8270	12/29/15	1	N-Nitrosodimethylamine		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	Benzoic acid		ug/L	UJ	25
15 MW 1	BK43846	SW8270	12/29/15	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Hexachlorocyclopentadiene		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Isophorone		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Acenaphthene		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Diethyl phthalate		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Di-n-butylphthalate		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Benzyl butyl phthalate		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	N-Nitrosodiphenylamine		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Fluorene		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	Carbazole		ug/L	U	25
15 MW 1	BK43846	SW8270	12/29/15	1	2,4,6-Trichlorophenol		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	2-Nitroaniline		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	2-Nitrophenol		ug/L	UJ	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	Naphthalene		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	2-Methylnaphthalene		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	2-Chloronaphthalene		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	3,3'-Dichlorobenzidine		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	1,2-Dichlorobenzene		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	2-Chlorophenol		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	2,4,5-Trichlorophenol		ug/L	U	1.0



**65 ECKFORD STREET
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 1	BK43846	SW8270	12/29/15	1	Acetophenone		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	3-Nitroaniline		ug/L	U	5.0
15 MW 1	BK43846	SW8270	12/29/15	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
15 MW 1	BK43846	SW8270	12/29/15	1	Benzidine		ug/L	UJ	4.5
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Acenaphthylene		ug/L	UJ	0.10
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Hexachlorobenzene		ug/L	U	0.02
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Benz(a)anthracene	0.11	ug/L	J	0.02
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Indeno(1,2,3-cd)pyrene	0.03	ug/L		0.02
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Benzo(k)fluoranthene	0.06	ug/L		0.02
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Hexachloroethane		ug/L	UJ	0.50
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Pentachlorophenol		ug/L	UJ	0.80
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Bis(2-ethylhexyl)phthalate		ug/L	UJ	1.0
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Benzo(a)pyrene	0.07	ug/L	J	0.02
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Hexachlorobutadiene		ug/L	UJ	0.40
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Benzo(b)fluoranthene	0.06	ug/L	J	0.02
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Nitrobenzene		ug/L	UJ	0.10
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Benzo(ghi)perylene	0.03	ug/L	J	0.02
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Pentachloronitrobenzene		ug/L	UJ	0.10
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Chrysene	0.11	ug/L	J	0.02
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Phenanthrene	0.80	ug/L	J	0.10
15 MW 1	BK43846	SW8270C-SIM	12/28/15	1	Dibenz(a,h)anthracene		ug/L	UJ	0.02
15 MW 2	BK43847	7010	12/29/15	1	Antimony		mg/L	UJ	0.002
15 MW 2	BK43847	7010	12/29/15	1	Antimony, (Dissolved)		mg/L	UJ	0.003
15 MW 2	BK43847	7010	12/28/15	1	Selenium, (Dissolved)		mg/L	U	0.004
15 MW 2	BK43847	7010	12/29/15	1	Selenium		mg/L	U	0.002
15 MW 2	BK43847	7010	12/28/15	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
15 MW 2	BK43847	7010	12/28/15	1	Thallium - LDL		mg/L	UJ	0.0005
15 MW 2	BK43847	SW6010	12/29/15	10	Aluminum (Dissolved)	0.37	mg/L		0.11
15 MW 2	BK43847	SW6010	12/29/15	10	Sodium (Dissolved)	164	mg/L		1.1
15 MW 2	BK43847	SW6010	12/29/15	1	Iron, (Dissolved)	2.38	mg/L		0.01
15 MW 2	BK43847	SW6010	12/29/15	1	Lead (Dissolved)		mg/L	U	0.002
15 MW 2	BK43847	SW6010	12/29/15	1	Magnesium (Dissolved)	24.6	mg/L		0.01
15 MW 2	BK43847	SW6010	12/29/15	1	Manganese, (Dissolved)	0.820	mg/L		0.005
15 MW 2	BK43847	SW6010	12/29/15	1	Nickel, (Dissolved)	0.002	mg/L	J	0.004
15 MW 2	BK43847	SW6010	12/29/15	1	Potassium (Dissolved)	31.0	mg/L		0.1
15 MW 2	BK43847	SW6010	12/29/15	1	Silver (Dissolved)		mg/L	U	0.005
15 MW 2	BK43847	SW6010	12/29/15	1	Arsenic, (Dissolved)	0.003	mg/L	J	0.003
15 MW 2	BK43847	SW6010	12/29/15	1	Barium (Dissolved)	0.263	mg/L		0.011
15 MW 2	BK43847	SW6010	12/29/15	1	Beryllium (Dissolved)		mg/L	U	0.001



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 2	BK43847	SW6010	12/29/15	1	Cadmium (Dissolved)		mg/L	U	0.004
15 MW 2	BK43847	SW6010	12/29/15	1	Chromium (Dissolved)		mg/L	U	0.001
15 MW 2	BK43847	SW6010	12/29/15	1	Cobalt, (Dissolved)	0.002	mg/L	J	0.005
15 MW 2	BK43847	SW6010	12/29/15	1	Copper, (Dissolved)		mg/L	U	0.005
15 MW 2	BK43847	SW6010	12/29/15	1	Vanadium, (Dissolved)		mg/L	U	0.011
15 MW 2	BK43847	SW6010	12/29/15	1	Zinc, (Dissolved)	0.003	mg/L	J	0.011
15 MW 2	BK43847	SW6010	12/29/15	1	Calcium (Dissolved)	155	mg/L		0.01
15 MW 2	BK43847	SW6010	12/29/15	10	Sodium	175	mg/L	J	1.0
15 MW 2	BK43847	SW6010	12/29/15	10	Calcium	170	mg/L		0.10
15 MW 2	BK43847	SW6010	12/29/15	1	Aluminum	1.02	mg/L		0.010
15 MW 2	BK43847	SW6010	12/29/15	1	Iron	34.2	mg/L		0.01
15 MW 2	BK43847	SW6010	12/29/15	1	Lead	0.031	mg/L		0.002
15 MW 2	BK43847	SW6010	12/29/15	1	Magnesium	24.4	mg/L		0.01
15 MW 2	BK43847	SW6010	12/29/15	1	Manganese	0.852	mg/L		0.005
15 MW 2	BK43847	SW6010	12/29/15	1	Potassium	30.7	mg/L		0.1
15 MW 2	BK43847	SW6010	12/29/15	1	Silver		mg/L	U	0.005
15 MW 2	BK43847	SW6010	12/29/15	1	Arsenic - LDL	0.045	mg/L		0.004
15 MW 2	BK43847	SW6010	12/29/15	1	Barium	0.460	mg/L		0.010
15 MW 2	BK43847	SW6010	12/29/15	1	Beryllium		mg/L	U	0.001
15 MW 2	BK43847	SW6010	12/29/15	1	Cadmium	0.001	mg/L	J	0.004
15 MW 2	BK43847	SW6010	12/29/15	1	Chromium	0.003	mg/L		0.001
15 MW 2	BK43847	SW6010	12/29/15	1	Cobalt	0.001	mg/L	J	0.005
15 MW 2	BK43847	SW6010	12/29/15	1	Copper	0.040	mg/L		0.005
15 MW 2	BK43847	SW6010	12/29/15	1	Vanadium	0.003	mg/L	J	0.010
15 MW 2	BK43847	SW6010	12/29/15	1	Zinc	0.031	mg/L		0.010
15 MW 2	BK43847	SW6010	12/29/15	1	Nickel	0.004	mg/L	UJ	0.004
15 MW 2	BK43847	SW7470	12/24/15	1	Mercury		mg/L	U	0.0002
15 MW 2	BK43847	SW7470	12/28/15	1	Mercury (Dissolved)		mg/L	U	0.0002
15 MW 2	BK43847	SW8081	12/29/15	1	Heptachlor epoxide		ug/L	U	0.010
15 MW 2	BK43847	SW8081	12/29/15	1	Endosulfan Sulfate		ug/L	U	0.010
15 MW 2	BK43847	SW8081	12/29/15	1	Alachlor		ug/L	U	0.075
15 MW 2	BK43847	SW8081	12/29/15	1	Aldrin		ug/L	U	0.002
15 MW 2	BK43847	SW8081	12/29/15	1	a-BHC		ug/L	U	0.005
15 MW 2	BK43847	SW8081	12/29/15	1	b-BHC		ug/L	U	0.005
15 MW 2	BK43847	SW8081	12/29/15	1	d-BHC		ug/L	U	0.005
15 MW 2	BK43847	SW8081	12/29/15	1	Endosulfan II		ug/L	U	0.010
15 MW 2	BK43847	SW8081	12/29/15	1	4,4' -DDT		ug/L	U	0.010
15 MW 2	BK43847	SW8081	12/29/15	1	a-chlordane		ug/L	U	0.010
15 MW 2	BK43847	SW8081	12/29/15	1	g-chlordane		ug/L	U	0.010
15 MW 2	BK43847	SW8081	12/29/15	1	Endrin ketone		ug/L	U	0.010



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 2	BK43847	SW8081	12/29/15	1	Chlordane		ug/L	U	0.050
15 MW 2	BK43847	SW8081	12/29/15	1	g-BHC (Lindane)		ug/L	U	0.005
15 MW 2	BK43847	SW8081	12/29/15	1	Dieldrin		ug/L	U	0.002
15 MW 2	BK43847	SW8081	12/29/15	1	Endrin		ug/L	U	0.010
15 MW 2	BK43847	SW8081	12/29/15	1	Methoxychlor		ug/L	U	0.10
15 MW 2	BK43847	SW8081	12/29/15	1	4,4' -DDD		ug/L	U	0.010
15 MW 2	BK43847	SW8081	12/29/15	1	4,4' -DDE		ug/L	U	0.010
15 MW 2	BK43847	SW8081	12/29/15	1	Endrin Aldehyde		ug/L	U	0.010
15 MW 2	BK43847	SW8081	12/29/15	1	Heptachlor		ug/L	U	0.010
15 MW 2	BK43847	SW8081	12/29/15	1	Toxaphene		ug/L	U	0.20
15 MW 2	BK43847	SW8081	12/29/15	1	Endosulfan I		ug/L	U	0.010
15 MW 2	BK43847	SW8082	12/24/15	1	PCB-1260		ug/L	U	0.050
15 MW 2	BK43847	SW8082	12/24/15	1	PCB-1254		ug/L	U	0.050
15 MW 2	BK43847	SW8082	12/24/15	1	PCB-1268		ug/L	U	0.050
15 MW 2	BK43847	SW8082	12/24/15	1	PCB-1221		ug/L	U	0.050
15 MW 2	BK43847	SW8082	12/24/15	1	PCB-1232		ug/L	U	0.050
15 MW 2	BK43847	SW8082	12/24/15	1	PCB-1248		ug/L	U	0.050
15 MW 2	BK43847	SW8082	12/24/15	1	PCB-1016		ug/L	U	0.050
15 MW 2	BK43847	SW8082	12/24/15	1	PCB-1262		ug/L	U	0.050
15 MW 2	BK43847	SW8082	12/24/15	1	PCB-1242		ug/L	U	0.050
15 MW 2	BK43847	SW8260	12/25/15	2	Ethylbenzene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Styrene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	cis-1,3-Dichloropropene		ug/L	U	0.4
15 MW 2	BK43847	SW8260	12/25/15	2	trans-1,3-Dichloropropene		ug/L	U	0.4
15 MW 2	BK43847	SW8260	12/25/15	2	n-Propylbenzene	0.66	ug/L	J	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	n-Butylbenzene	1.5	ug/L	J	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	4-Chlorotoluene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,4-Dichlorobenzene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,2-Dibromoethane		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Acrolein		ug/L	UJ	5.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,2-Dichloroethane		ug/L	U	0.5
15 MW 2	BK43847	SW8260	12/25/15	2	Acrylonitrile		ug/L	U	5.0
15 MW 2	BK43847	SW8260	12/25/15	2	4-Methyl-2-pentanone		ug/L	U	5.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,3,5-Trimethylbenzene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Bromobenzene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Toluene	1.2	ug/L	J	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Chlorobenzene		ug/L	U	5.0
15 MW 2	BK43847	SW8260	12/25/15	2	Tetrahydrofuran (THF)		ug/L	UJ	10
15 MW 2	BK43847	SW8260	12/25/15	2	trans-1,4-dichloro-2-butene		ug/L	UJ	5.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,2,4-Trichlorobenzene		ug/L	U	2.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 2	BK43847	SW8260	12/25/15	2	Dibromochloromethane		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Tetrachloroethene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	sec-Butylbenzene	12	ug/L		2.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,3-Dichloropropane		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	cis-1,2-Dichloroethene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	trans-1,2-Dichloroethene		ug/L	U	5.0
15 MW 2	BK43847	SW8260	12/25/15	2	Methyl t-butyl ether (MTBE)	1.6	ug/L	J	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	m&p-Xylene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	2-Isopropyltoluene	7.3	ug/L		2.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,3-Dichlorobenzene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Carbon tetrachloride		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,1-Dichloropropene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	2-Hexanone		ug/L	U	5.0
15 MW 2	BK43847	SW8260	12/25/15	2	2,2-Dichloropropane		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,1,1,2-Tetrachloroethane		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Acetone	59	ug/L		10
15 MW 2	BK43847	SW8260	12/25/15	2	Chloroform		ug/L	U	7.0
15 MW 2	BK43847	SW8260	12/25/15	2	Benzene		ug/L	U	0.5
15 MW 2	BK43847	SW8260	12/25/15	2	1,1,1-Trichloroethane		ug/L	U	5.0
15 MW 2	BK43847	SW8260	12/25/15	2	Bromomethane		ug/L	U	5.0
15 MW 2	BK43847	SW8260	12/25/15	2	Chloromethane	0.67	ug/L	J	5.0
15 MW 2	BK43847	SW8260	12/25/15	2	Dibromomethane		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Bromochloromethane		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Chloroethane	56	ug/L		10
15 MW 2	BK43847	SW8260	12/25/15	2	Vinyl chloride		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Methylene chloride		ug/L	U	5.0
15 MW 2	BK43847	SW8260	12/25/15	2	Carbon Disulfide		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Bromoform		ug/L	U	10
15 MW 2	BK43847	SW8260	12/25/15	2	Bromodichloromethane		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,1-Dichloroethane		ug/L	U	5.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,1-Dichloroethene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Trichlorofluoromethane		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Dichlorodifluoromethane		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Trichlorotrifluoroethane		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,2-Dichloropropane		ug/L	U	1.0
15 MW 2	BK43847	SW8260	12/25/15	2	Methyl ethyl ketone		ug/L	U	5.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,1,2-Trichloroethane		ug/L	U	1.0
15 MW 2	BK43847	SW8260	12/25/15	2	Trichloroethene	0.54	ug/L	J	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,1,2,2-Tetrachloroethane		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,2,3-Trichlorobenzene		ug/L	U	2.0



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 2	BK43847	SW8260	12/25/15	2	Hexachlorobutadiene		ug/L	U	0.5
15 MW 2	BK43847	SW8260	12/25/15	2	Naphthalene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	o-Xylene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	2-Chlorotoluene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,2-Dichlorobenzene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,2,4-Trimethylbenzene		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,2-Dibromo-3-chloropropane		ug/L	UJ	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	1,2,3-Trichloropropane		ug/L	U	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	tert-Butylbenzene	6.5	ug/L		2.0
15 MW 2	BK43847	SW8260	12/25/15	2	Isopropylbenzene	1.7	ug/L	J	2.0
15 MW 2	BK43847	SW8260	12/25/15	2	p-Isopropyltoluene		ug/L	U	2.0
15 MW 2	BK43847	SW8270	12/29/15	1	Aniline		ug/L	UJ	3.5
15 MW 2	BK43847	SW8270	12/29/15	1	4-Nitroaniline		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	4-Nitrophenol		ug/L	U	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	2,4-Dimethylphenol		ug/L	UJ	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	1,4-Dichlorobenzene		ug/L	U	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	4-Chloroaniline		ug/L	UJ	3.5
15 MW 2	BK43847	SW8270	12/29/15	1	Phenol		ug/L	U	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	Pyridine		ug/L	U	10
15 MW 2	BK43847	SW8270	12/29/15	1	Bis(2-chloroethyl)ether		ug/L	U	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	Bis(2-chloroethoxy)methane		ug/L	UJ	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Di-n-octylphthalate		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Anthracene		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	1,2,4-Trichlorobenzene		ug/L	UJ	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	2,4-Dichlorophenol		ug/L	UJ	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	2,4-Dinitrotoluene		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	1,2-Diphenylhydrazine		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Pyrene		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Dimethylphthalate		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Dibenzofuran		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Fluoranthene		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	2,4-Dinitrophenol		ug/L	UJ	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	1,3-Dichlorobenzene		ug/L	U	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	4-Chloro-3-methylphenol		ug/L	UJ	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	2,6-Dinitrotoluene		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	N-Nitrosodimethylamine		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 2	BK43847	SW8270	12/29/15	1	Benzoic acid		ug/L	UJ	25
15 MW 2	BK43847	SW8270	12/29/15	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Isophorone		ug/L	UJ	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Acenaphthene		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Diethyl phthalate		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Di-n-butylphthalate		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Benzyl butyl phthalate		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	N-Nitrosodiphenylamine		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Fluorene		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	Carbazole		ug/L	U	25
15 MW 2	BK43847	SW8270	12/29/15	1	2,4,6-Trichlorophenol		ug/L	UJ	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	2-Nitroaniline		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	2-Nitrophenol		ug/L	UJ	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	Naphthalene		ug/L	UJ	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	2-Methylnaphthalene		ug/L	UJ	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	2-Chloronaphthalene		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	3,3'-Dichlorobenzidine		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	1,2-Dichlorobenzene		ug/L	U	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	2-Chlorophenol		ug/L	U	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	2,4,5-Trichlorophenol		ug/L	UJ	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	Acetophenone		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	3-Nitroaniline		ug/L	U	5.0
15 MW 2	BK43847	SW8270	12/29/15	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
15 MW 2	BK43847	SW8270	12/29/15	1	Benzidine		ug/L	UJ	4.5
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Benz(a)anthracene	0.04	ug/L	J	0.02
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Acenaphthylene		ug/L	UJ	0.10
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Hexachlorobenzene		ug/L	U	0.02
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Benzo(a)pyrene	0.03	ug/L	J	0.02
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Benzo(k)fluoranthene	0.02	ug/L		0.02
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Bis(2-ethylhexyl)phthalate		ug/L	UJ	1.0
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Hexachloroethane		ug/L	UJ	0.50
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Pentachlorophenol		ug/L	UJ	0.80
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	1,2,4,5-Tetrachlorobenzene		ug/L	UJ	0.50
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Benzo(b)fluoranthene	0.03	ug/L	J	0.02
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Hexachlorobutadiene		ug/L	UJ	0.40
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Benzo(ghi)perylene		ug/L	UJ	0.02
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Nitrobenzene		ug/L	UJ	0.10



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Chrysene	0.04	ug/L	J	0.02
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Pentachloronitrobenzene		ug/L	UJ	0.10
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Dibenz(a,h)anthracene		ug/L	UJ	0.02
15 MW 2	BK43847	SW8270C-SIM	12/28/15	1	Phenanthrene		ug/L	UJ	0.10
15 MW 3	BK43848	7010	12/29/15	1	Antimony		mg/L	UJ	0.002
15 MW 3	BK43848	7010	12/29/15	1	Antimony, (Dissolved)		mg/L	UJ	0.003
15 MW 3	BK43848	7010	12/29/15	1	Selenium		mg/L	U	0.002
15 MW 3	BK43848	7010	12/28/15	1	Thallium - LDL		mg/L	UJ	0.0005
15 MW 3	BK43848	7010	12/28/15	1	Selenium, (Dissolved)	0.003	mg/L	J	0.004
15 MW 3	BK43848	7010	12/28/15	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
15 MW 3	BK43848	SW6010	12/29/15	1	Aluminum	0.282	mg/L	J+	0.010
15 MW 3	BK43848	SW6010	12/28/15	10	Aluminum (Dissolved)	0.73	mg/L	J	0.11
15 MW 3	BK43848	SW6010	12/29/15	1	Arsenic - LDL	0.004	mg/L	J	0.004
15 MW 3	BK43848	SW6010	12/29/15	1	Barium	0.395	mg/L		0.010
15 MW 3	BK43848	SW6010	12/29/15	1	Arsenic, (Dissolved)	0.001	mg/L	J	0.003
15 MW 3	BK43848	SW6010	12/29/15	1	Barium (Dissolved)	0.324	mg/L		0.011
15 MW 3	BK43848	SW6010	12/29/15	1	Beryllium (Dissolved)		mg/L	U	0.001
15 MW 3	BK43848	SW6010	12/29/15	1	Cadmium (Dissolved)		mg/L	U	0.004
15 MW 3	BK43848	SW6010	12/28/15	10	Calcium (Dissolved)	232	mg/L		0.11
15 MW 3	BK43848	SW6010	12/29/15	1	Chromium (Dissolved)		mg/L	U	0.001
15 MW 3	BK43848	SW6010	12/29/15	1	Cobalt, (Dissolved)		mg/L	U	0.005
15 MW 3	BK43848	SW6010	12/29/15	1	Copper, (Dissolved)		mg/L	U	0.005
15 MW 3	BK43848	SW6010	12/29/15	1	Iron, (Dissolved)	0.03	mg/L		0.01
15 MW 3	BK43848	SW6010	12/29/15	1	Beryllium		mg/L	U	0.001
15 MW 3	BK43848	SW6010	12/29/15	1	Cadmium		mg/L	U	0.004
15 MW 3	BK43848	SW6010	12/29/15	10	Calcium	257	mg/L		0.10
15 MW 3	BK43848	SW6010	12/29/15	1	Chromium		mg/L	U	0.001
15 MW 3	BK43848	SW6010	12/29/15	1	Cobalt		mg/L	U	0.005
15 MW 3	BK43848	SW6010	12/29/15	1	Copper	0.003	mg/L	J	0.005
15 MW 3	BK43848	SW6010	12/29/15	1	Iron	5.87	mg/L		0.01
15 MW 3	BK43848	SW6010	12/29/15	1	Lead	0.022	mg/L		0.002
15 MW 3	BK43848	SW6010	12/29/15	1	Magnesium	19.6	mg/L		0.01
15 MW 3	BK43848	SW6010	12/29/15	1	Manganese	1.21	mg/L		0.005
15 MW 3	BK43848	SW6010	12/29/15	1	Nickel	0.003	mg/L	UJ	0.004
15 MW 3	BK43848	SW6010	12/29/15	1	Potassium	28.1	mg/L		0.1
15 MW 3	BK43848	SW6010	12/29/15	1	Silver		mg/L	U	0.005
15 MW 3	BK43848	SW6010	12/29/15	10	Sodium	212	mg/L	J	1.0
15 MW 3	BK43848	SW6010	12/29/15	1	Vanadium	0.002	mg/L	J	0.010
15 MW 3	BK43848	SW6010	12/29/15	1	Zinc	0.059	mg/L		0.010
15 MW 3	BK43848	SW6010	12/29/15	1	Lead (Dissolved)	0.001	mg/L	J	0.002



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 3	BK43848	SW6010	12/29/15	1	Magnesium (Dissolved)	19.6	mg/L		0.01
15 MW 3	BK43848	SW6010	12/29/15	1	Manganese, (Dissolved)	1.21	mg/L		0.005
15 MW 3	BK43848	SW6010	12/29/15	1	Nickel, (Dissolved)		mg/L	U	0.004
15 MW 3	BK43848	SW6010	12/29/15	1	Potassium (Dissolved)	27.4	mg/L		0.1
15 MW 3	BK43848	SW6010	12/29/15	1	Silver (Dissolved)		mg/L	U	0.005
15 MW 3	BK43848	SW6010	12/28/15	10	Sodium (Dissolved)	203	mg/L		1.1
15 MW 3	BK43848	SW6010	12/29/15	1	Vanadium, (Dissolved)		mg/L	U	0.011
15 MW 3	BK43848	SW6010	12/29/15	1	Zinc, (Dissolved)	0.009	mg/L	J	0.011
15 MW 3	BK43848	SW7470	12/24/15	1	Mercury		mg/L	U	0.0002
15 MW 3	BK43848	SW7470	12/28/15	1	Mercury (Dissolved)		mg/L	U	0.0002
15 MW 3	BK43848	SW8081	12/29/15	1	Heptachlor epoxide		ug/L	U	0.010
15 MW 3	BK43848	SW8081	12/29/15	1	Endosulfan Sulfate		ug/L	U	0.010
15 MW 3	BK43848	SW8081	12/29/15	1	Alachlor		ug/L	U	0.075
15 MW 3	BK43848	SW8081	12/29/15	1	Aldrin		ug/L	U	0.002
15 MW 3	BK43848	SW8081	12/29/15	1	a-BHC		ug/L	U	0.005
15 MW 3	BK43848	SW8081	12/29/15	1	b-BHC		ug/L	U	0.020
15 MW 3	BK43848	SW8081	12/29/15	1	d-BHC		ug/L	U	0.005
15 MW 3	BK43848	SW8081	12/29/15	1	Endosulfan II		ug/L	U	0.010
15 MW 3	BK43848	SW8081	12/29/15	1	4,4' -DDT		ug/L	U	0.010
15 MW 3	BK43848	SW8081	12/29/15	1	a-chlordane		ug/L	U	0.010
15 MW 3	BK43848	SW8081	12/29/15	1	g-chlordane		ug/L	U	0.010
15 MW 3	BK43848	SW8081	12/29/15	1	Endrin ketone		ug/L	U	0.010
15 MW 3	BK43848	SW8081	12/29/15	1	Chlordane		ug/L	U	0.050
15 MW 3	BK43848	SW8081	12/29/15	1	g-BHC (Lindane)		ug/L	U	0.005
15 MW 3	BK43848	SW8081	12/29/15	1	Dieldrin		ug/L	U	0.002
15 MW 3	BK43848	SW8081	12/29/15	1	Endrin		ug/L	U	0.010
15 MW 3	BK43848	SW8081	12/29/15	1	Methoxychlor		ug/L	U	0.10
15 MW 3	BK43848	SW8081	12/29/15	1	4,4' -DDD		ug/L	U	0.010
15 MW 3	BK43848	SW8081	12/29/15	1	4,4' -DDE		ug/L	U	0.010
15 MW 3	BK43848	SW8081	12/29/15	1	Endrin Aldehyde		ug/L	U	0.010
15 MW 3	BK43848	SW8081	12/29/15	1	Heptachlor		ug/L	U	0.010
15 MW 3	BK43848	SW8081	12/29/15	1	Toxaphene		ug/L	U	0.20
15 MW 3	BK43848	SW8081	12/29/15	1	Endosulfan I		ug/L	U	0.010
15 MW 3	BK43848	SW8082	12/24/15	1	PCB-1260		ug/L	U	0.050
15 MW 3	BK43848	SW8082	12/24/15	1	PCB-1254		ug/L	U	0.050
15 MW 3	BK43848	SW8082	12/24/15	1	PCB-1268		ug/L	U	0.050
15 MW 3	BK43848	SW8082	12/24/15	1	PCB-1221		ug/L	U	0.050
15 MW 3	BK43848	SW8082	12/24/15	1	PCB-1232		ug/L	U	0.050
15 MW 3	BK43848	SW8082	12/24/15	1	PCB-1248		ug/L	U	0.050
15 MW 3	BK43848	SW8082	12/24/15	1	PCB-1016		ug/L	U	0.050



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 3	BK43848	SW8082	12/24/15	1	PCB-1262		ug/L	U	0.050
15 MW 3	BK43848	SW8082	12/24/15	1	PCB-1242		ug/L	U	0.050
15 MW 3	BK43848	SW8260	12/25/15	1	Ethylbenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Styrene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	cis-1,3-Dichloropropene		ug/L	U	0.40
15 MW 3	BK43848	SW8260	12/25/15	1	trans-1,3-Dichloropropene		ug/L	U	0.40
15 MW 3	BK43848	SW8260	12/25/15	1	n-Propylbenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	n-Butylbenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	4-Chlorotoluene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,4-Dichlorobenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,2-Dibromoethane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Acrolein		ug/L	UJ	5.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,2-Dichloroethane		ug/L	U	0.60
15 MW 3	BK43848	SW8260	12/25/15	1	Acrylonitrile		ug/L	U	5.0
15 MW 3	BK43848	SW8260	12/25/15	1	4-Methyl-2-pentanone		ug/L	U	2.5
15 MW 3	BK43848	SW8260	12/25/15	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Bromobenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Acetone	4.5	ug/L	J	5.0
15 MW 3	BK43848	SW8260	12/25/15	1	Chlorobenzene		ug/L	U	5.0
15 MW 3	BK43848	SW8260	12/25/15	1	Tetrahydrofuran (THF)		ug/L	UJ	5.0
15 MW 3	BK43848	SW8260	12/25/15	1	trans-1,4-dichloro-2-butene		ug/L	UJ	2.5
15 MW 3	BK43848	SW8260	12/25/15	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Dibromochloromethane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Tetrachloroethene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,3-Dichloropropane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	cis-1,2-Dichloroethene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	trans-1,2-Dichloroethene		ug/L	U	5.0
15 MW 3	BK43848	SW8260	12/25/15	1	Chloromethane	0.46	ug/L	J	5.0
15 MW 3	BK43848	SW8260	12/25/15	1	m&p-Xylene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	2-Isopropyltoluene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,3-Dichlorobenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Carbon tetrachloride		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,1-Dichloropropene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	2-Hexanone		ug/L	U	2.5
15 MW 3	BK43848	SW8260	12/25/15	1	2,2-Dichloropropane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Chloroform		ug/L	U	5.0
15 MW 3	BK43848	SW8260	12/25/15	1	Benzene		ug/L	U	0.70
15 MW 3	BK43848	SW8260	12/25/15	1	1,1,1-Trichloroethane		ug/L	U	5.0
15 MW 3	BK43848	SW8260	12/25/15	1	Bromomethane		ug/L	U	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 3	BK43848	SW8260	12/25/15	1	Methyl ethyl ketone	4.5	ug/L	J	2.5
15 MW 3	BK43848	SW8260	12/25/15	1	Dibromomethane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Bromochloromethane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Chloroethane		ug/L	U	5.0
15 MW 3	BK43848	SW8260	12/25/15	1	Vinyl chloride		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Methylene chloride		ug/L	U	3.0
15 MW 3	BK43848	SW8260	12/25/15	1	Carbon Disulfide		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Bromoform		ug/L	U	5.0
15 MW 3	BK43848	SW8260	12/25/15	1	Bromodichloromethane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,1-Dichloroethane		ug/L	U	5.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,1-Dichloroethene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Trichlorofluoromethane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Dichlorodifluoromethane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Trichlorotrifluoroethane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,2-Dichloropropane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,1,2-Trichloroethane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Trichloroethene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Hexachlorobutadiene		ug/L	U	0.50
15 MW 3	BK43848	SW8260	12/25/15	1	Naphthalene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	o-Xylene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	2-Chlorotoluene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,2-Dichlorobenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	1,2,3-Trichloropropane		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Methyl t-butyl ether (MTBE)	2.2	ug/L		1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Isopropylbenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	p-Isopropyltoluene		ug/L	U	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	sec-Butylbenzene	0.88	ug/L	J	1.0
15 MW 3	BK43848	SW8260	12/25/15	1	tert-Butylbenzene	1.8	ug/L		1.0
15 MW 3	BK43848	SW8260	12/25/15	1	Toluene	1.9	ug/L	J	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	1,2,4-Trichlorobenzene		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	1,2-Dichlorobenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	1,2-Diphenylhydrazine		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	1,3-Dichlorobenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	1,4-Dichlorobenzene		ug/L	U	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	2,4,5-Trichlorophenol		ug/L	U	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	2,4,6-Trichlorophenol		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 3	BK43848	SW8270	12/29/15	1	2,4-Dichlorophenol		ug/L	U	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	2,4-Dimethylphenol		ug/L	U	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	2,4-Dinitrophenol		ug/L	UJ	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	2,4-Dinitrotoluene		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	2,6-Dinitrotoluene		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	2-Chloronaphthalene		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	2-Chlorophenol		ug/L	U	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	2-Methylnaphthalene		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	2-Nitroaniline		ug/L	UJ	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	2-Nitrophenol		ug/L	UJ	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	3,3'-Dichlorobenzidine		ug/L	R	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	3-Nitroaniline		ug/L	UJ	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	4-Chloro-3-methylphenol		ug/L	U	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	4-Chloroaniline		ug/L	UJ	3.5
15 MW 3	BK43848	SW8270	12/29/15	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	4-Nitroaniline		ug/L	UJ	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	4-Nitrophenol		ug/L	U	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	Acenaphthene		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Acetophenone		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Aniline		ug/L	UJ	3.5
15 MW 3	BK43848	SW8270	12/29/15	1	Anthracene		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Benzidine		ug/L	R	4.5
15 MW 3	BK43848	SW8270	12/29/15	1	Benzoic acid		ug/L	UJ	25
15 MW 3	BK43848	SW8270	12/29/15	1	Benzyl butyl phthalate		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Bis(2-chloroethoxy)methane		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Bis(2-chloroethyl)ether		ug/L	U	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Carbazole		ug/L	U	25
15 MW 3	BK43848	SW8270	12/29/15	1	Dibenzofuran		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Diethyl phthalate		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Dimethylphthalate		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Di-n-butylphthalate		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Di-n-octylphthalate		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Fluoranthene		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Fluorene		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 3	BK43848	SW8270	12/29/15	1	Isophorone		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Naphthalene		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	N-Nitrosodimethylamine		ug/L	U	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	N-Nitrosodi-n-propylamine		ug/L	UJ	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	N-Nitrosodiphenylamine		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Phenol		ug/L	UJ	1.0
15 MW 3	BK43848	SW8270	12/29/15	1	Pyrene		ug/L	U	5.0
15 MW 3	BK43848	SW8270	12/29/15	1	Pyridine		ug/L	UJ	10
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	1,2,4,5-Tetrachlorobenzene		ug/L	UJ	0.50
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Acenaphthylene		ug/L	UJ	0.10
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Benz(a)anthracene	0.11	ug/L	J	0.02
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Benzo(a)pyrene	0.08	ug/L	J	0.02
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Benzo(b)fluoranthene	0.07	ug/L	J	0.02
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Benzo(ghi)perylene	0.04	ug/L	J	0.02
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Benzo(k)fluoranthene	0.06	ug/L	J	0.02
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Bis(2-ethylhexyl)phthalate		ug/L	UJ	1.0
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Chrysene	0.10	ug/L	J	0.02
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Dibenz(a,h)anthracene		ug/L	UJ	0.02
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Hexachlorobenzene		ug/L	UJ	0.02
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Hexachlorobutadiene		ug/L	UJ	0.40
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Hexachloroethane		ug/L	UJ	0.50
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Indeno(1,2,3-cd)pyrene	0.04	ug/L	J	0.02
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Nitrobenzene		ug/L	UJ	0.10
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Pentachloronitrobenzene		ug/L	UJ	0.10
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Pentachlorophenol		ug/L	UJ	0.80
15 MW 3	BK43848	SW8270C-SIM	12/28/15	1	Phenanthrene	0.97	ug/L	J	0.10
15 MW 4	BK43849	7010	12/29/15	1	Antimony		mg/L	UJ	0.002
15 MW 4	BK43849	7010	12/29/15	1	Antimony, (Dissolved)	0.003	mg/L	J	0.003
15 MW 4	BK43849	7010	12/28/15	1	Selenium, (Dissolved)		mg/L	U	0.004
15 MW 4	BK43849	7010	12/29/15	1	Selenium		mg/L	U	0.002
15 MW 4	BK43849	7010	12/28/15	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
15 MW 4	BK43849	7010	12/28/15	1	Thallium - LDL		mg/L	UJ	0.0005
15 MW 4	BK43849	SW6010	12/29/15	1	Cadmium		mg/L	U	0.004
15 MW 4	BK43849	SW6010	12/29/15	10	Aluminum (Dissolved)	0.45	mg/L		0.11
15 MW 4	BK43849	SW6010	12/29/15	10	Sodium (Dissolved)	148	mg/L		1.1
15 MW 4	BK43849	SW6010	12/29/15	1	Iron, (Dissolved)	1.26	mg/L		0.01
15 MW 4	BK43849	SW6010	12/29/15	1	Lead (Dissolved)		mg/L	U	0.002
15 MW 4	BK43849	SW6010	12/29/15	1	Magnesium (Dissolved)	25.6	mg/L		0.01
15 MW 4	BK43849	SW6010	12/29/15	1	Manganese, (Dissolved)	1.27	mg/L		0.005
15 MW 4	BK43849	SW6010	12/29/15	1	Nickel, (Dissolved)	0.003	mg/L	J	0.004



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 4	BK43849	SW6010	12/29/15	1	Potassium (Dissolved)	32.9	mg/L		0.1
15 MW 4	BK43849	SW6010	12/29/15	1	Silver (Dissolved)		mg/L	U	0.005
15 MW 4	BK43849	SW6010	12/29/15	1	Arsenic, (Dissolved)	0.005	mg/L		0.003
15 MW 4	BK43849	SW6010	12/29/15	1	Barium (Dissolved)	0.287	mg/L		0.011
15 MW 4	BK43849	SW6010	12/29/15	1	Beryllium (Dissolved)		mg/L	U	0.001
15 MW 4	BK43849	SW6010	12/29/15	1	Cadmium (Dissolved)		mg/L	U	0.004
15 MW 4	BK43849	SW6010	12/29/15	1	Chromium (Dissolved)		mg/L	U	0.001
15 MW 4	BK43849	SW6010	12/29/15	1	Cobalt, (Dissolved)	0.002	mg/L	J	0.005
15 MW 4	BK43849	SW6010	12/29/15	1	Copper, (Dissolved)		mg/L	U	0.005
15 MW 4	BK43849	SW6010	12/29/15	1	Vanadium, (Dissolved)		mg/L	U	0.011
15 MW 4	BK43849	SW6010	12/29/15	1	Zinc, (Dissolved)	0.013	mg/L		0.011
15 MW 4	BK43849	SW6010	12/29/15	1	Calcium (Dissolved)	150	mg/L		0.01
15 MW 4	BK43849	SW6010	12/29/15	10	Sodium	145	mg/L	J	1.0
15 MW 4	BK43849	SW6010	12/29/15	10	Calcium	162	mg/L		0.10
15 MW 4	BK43849	SW6010	12/29/15	1	Aluminum	1.28	mg/L		0.010
15 MW 4	BK43849	SW6010	12/29/15	1	Iron	28.5	mg/L		0.01
15 MW 4	BK43849	SW6010	12/29/15	1	Lead	0.062	mg/L		0.002
15 MW 4	BK43849	SW6010	12/29/15	1	Magnesium	26.8	mg/L		0.01
15 MW 4	BK43849	SW6010	12/29/15	1	Manganese	1.44	mg/L		0.005
15 MW 4	BK43849	SW6010	12/29/15	1	Potassium	33.3	mg/L		0.1
15 MW 4	BK43849	SW6010	12/29/15	1	Silver		mg/L	U	0.005
15 MW 4	BK43849	SW6010	12/29/15	1	Arsenic - LDL	0.070	mg/L		0.004
15 MW 4	BK43849	SW6010	12/29/15	1	Barium	0.426	mg/L		0.010
15 MW 4	BK43849	SW6010	12/29/15	1	Beryllium		mg/L	U	0.001
15 MW 4	BK43849	SW6010	12/29/15	1	Nickel	0.008	mg/L	UJ	0.004
15 MW 4	BK43849	SW6010	12/29/15	1	Chromium	0.005	mg/L		0.001
15 MW 4	BK43849	SW6010	12/29/15	1	Cobalt	0.002	mg/L	J	0.005
15 MW 4	BK43849	SW6010	12/29/15	1	Copper	0.030	mg/L		0.005
15 MW 4	BK43849	SW6010	12/29/15	1	Vanadium	0.003	mg/L	J	0.010
15 MW 4	BK43849	SW6010	12/29/15	1	Zinc	0.073	mg/L		0.010
15 MW 4	BK43849	SW7470	12/24/15	1	Mercury		mg/L	U	0.0002
15 MW 4	BK43849	SW7470	12/28/15	1	Mercury (Dissolved)		mg/L	U	0.0002
15 MW 4	BK43849	SW8081	12/29/15	1	Heptachlor epoxide		ug/L	U	0.010
15 MW 4	BK43849	SW8081	12/29/15	1	Endosulfan Sulfate		ug/L	U	0.010
15 MW 4	BK43849	SW8081	12/29/15	1	Alachlor		ug/L	U	0.075
15 MW 4	BK43849	SW8081	12/29/15	1	Aldrin		ug/L	U	0.003
15 MW 4	BK43849	SW8081	12/29/15	1	a-BHC		ug/L	U	0.005
15 MW 4	BK43849	SW8081	12/29/15	1	b-BHC		ug/L	U	0.015
15 MW 4	BK43849	SW8081	12/29/15	1	d-BHC		ug/L	U	0.005
15 MW 4	BK43849	SW8081	12/29/15	1	Endosulfan II		ug/L	U	0.010



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 4	BK43849	SW8081	12/29/15	1	4,4' -DDT		ug/L	U	0.010
15 MW 4	BK43849	SW8081	12/29/15	1	a-chlordane		ug/L	U	0.010
15 MW 4	BK43849	SW8081	12/29/15	1	g-chlordane		ug/L	U	0.010
15 MW 4	BK43849	SW8081	12/29/15	1	Endrin ketone		ug/L	U	0.010
15 MW 4	BK43849	SW8081	12/29/15	1	Chlordane		ug/L	U	0.050
15 MW 4	BK43849	SW8081	12/29/15	1	g-BHC (Lindane)		ug/L	U	0.005
15 MW 4	BK43849	SW8081	12/29/15	1	Dieldrin		ug/L	U	0.004
15 MW 4	BK43849	SW8081	12/29/15	1	Endrin		ug/L	U	0.010
15 MW 4	BK43849	SW8081	12/29/15	1	Methoxychlor		ug/L	U	0.10
15 MW 4	BK43849	SW8081	12/29/15	1	4,4' -DDD	0.014	ug/L		0.010
15 MW 4	BK43849	SW8081	12/29/15	1	4,4' -DDE		ug/L	U	0.010
15 MW 4	BK43849	SW8081	12/29/15	1	Endrin Aldehyde		ug/L	U	0.010
15 MW 4	BK43849	SW8081	12/29/15	1	Heptachlor		ug/L	U	0.010
15 MW 4	BK43849	SW8081	12/29/15	1	Toxaphene		ug/L	U	0.25
15 MW 4	BK43849	SW8081	12/29/15	1	Endosulfan I		ug/L	U	0.010
15 MW 4	BK43849	SW8082	12/24/15	1	PCB-1260		ug/L	U	0.050
15 MW 4	BK43849	SW8082	12/24/15	1	PCB-1254		ug/L	U	0.050
15 MW 4	BK43849	SW8082	12/24/15	1	PCB-1268		ug/L	U	0.050
15 MW 4	BK43849	SW8082	12/24/15	1	PCB-1221		ug/L	U	0.050
15 MW 4	BK43849	SW8082	12/24/15	1	PCB-1232		ug/L	U	0.050
15 MW 4	BK43849	SW8082	12/24/15	1	PCB-1248		ug/L	U	0.050
15 MW 4	BK43849	SW8082	12/24/15	1	PCB-1016		ug/L	U	0.050
15 MW 4	BK43849	SW8082	12/24/15	1	PCB-1262		ug/L	U	0.050
15 MW 4	BK43849	SW8082	12/24/15	1	PCB-1242		ug/L	U	0.050
15 MW 4	BK43849	SW8260	12/28/15	2	Ethylbenzene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Styrene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	cis-1,3-Dichloropropene		ug/L	U	0.4
15 MW 4	BK43849	SW8260	12/28/15	2	trans-1,3-Dichloropropene		ug/L	U	0.4
15 MW 4	BK43849	SW8260	12/28/15	2	n-Propylbenzene	2.8	ug/L		2.0
15 MW 4	BK43849	SW8260	12/28/15	2	n-Butylbenzene	5.4	ug/L		2.0
15 MW 4	BK43849	SW8260	12/28/15	2	4-Chlorotoluene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,4-Dichlorobenzene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,2-Dibromoethane		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Acrolein		ug/L	UJ	5.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,2-Dichloroethane		ug/L	U	0.5
15 MW 4	BK43849	SW8260	12/28/15	2	Acrylonitrile		ug/L	U	5.0
15 MW 4	BK43849	SW8260	12/28/15	2	4-Methyl-2-pentanone		ug/L	U	5.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,3,5-Trimethylbenzene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Bromobenzene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Toluene	2.0	ug/L		2.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 4	BK43849	SW8260	12/28/15	2	Chlorobenzene		ug/L	U	5.0
15 MW 4	BK43849	SW8260	12/28/15	2	Tetrahydrofuran (THF)		ug/L	UJ	10
15 MW 4	BK43849	SW8260	12/28/15	2	trans-1,4-dichloro-2-butene		ug/L	UJ	5.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,2,4-Trichlorobenzene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Dibromochloromethane		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Tetrachloroethene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	sec-Butylbenzene	36	ug/L		2.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,3-Dichloropropane		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	cis-1,2-Dichloroethene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	trans-1,2-Dichloroethene		ug/L	U	5.0
15 MW 4	BK43849	SW8260	12/28/15	2	Methyl t-butyl ether (MTBE)	0.92	ug/L	J	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	m&p-Xylene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	2-Isopropyltoluene	28	ug/L		2.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,3-Dichlorobenzene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Carbon tetrachloride		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,1-Dichloropropene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	2-Hexanone		ug/L	U	5.0
15 MW 4	BK43849	SW8260	12/28/15	2	2,2-Dichloropropane		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,1,1,2-Tetrachloroethane		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Acetone	7.8	ug/L	JS	10
15 MW 4	BK43849	SW8260	12/28/15	2	Chloroform		ug/L	U	7.0
15 MW 4	BK43849	SW8260	12/28/15	2	Benzene		ug/L	U	0.5
15 MW 4	BK43849	SW8260	12/28/15	2	1,1,1-Trichloroethane		ug/L	U	5.0
15 MW 4	BK43849	SW8260	12/28/15	2	Bromomethane		ug/L	U	5.0
15 MW 4	BK43849	SW8260	12/28/15	2	Chloromethane		ug/L	U	5.0
15 MW 4	BK43849	SW8260	12/28/15	2	Dibromomethane		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Bromochloromethane		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Vinyl chloride		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Methylene chloride		ug/L	U	5.0
15 MW 4	BK43849	SW8260	12/28/15	2	Carbon Disulfide		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Bromoform		ug/L	U	10
15 MW 4	BK43849	SW8260	12/28/15	2	Bromodichloromethane		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,1-Dichloroethane		ug/L	U	5.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,1-Dichloroethene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Trichlorofluoromethane		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Dichlorodifluoromethane		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Trichlorotrifluoroethane		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,2-Dichloropropane		ug/L	U	1.0
15 MW 4	BK43849	SW8260	12/28/15	2	Methyl ethyl ketone		ug/L	U	5.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,1,2-Trichloroethane		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 4	BK43849	SW8260	12/28/15	2	Trichloroethene	1.2	ug/L	J	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,1,2,2-Tetrachloroethane		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,2,3-Trichlorobenzene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Hexachlorobutadiene		ug/L	U	0.5
15 MW 4	BK43849	SW8260	12/28/15	2	Naphthalene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	o-Xylene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	2-Chlorotoluene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,2-Dichlorobenzene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,2,4-Trimethylbenzene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,2-Dibromo-3-chloropropane		ug/L	UJ	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	1,2,3-Trichloropropane		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	2	tert-Butylbenzene	15	ug/L		2.0
15 MW 4	BK43849	SW8260	12/28/15	2	Isopropylbenzene	6.8	ug/L		2.0
15 MW 4	BK43849	SW8260	12/28/15	2	p-Isopropyltoluene		ug/L	U	2.0
15 MW 4	BK43849	SW8260	12/28/15	5	Chloroethane	130	ug/L		25
15 MW 4	BK43849	SW8270	12/29/15	1	Aniline		ug/L	UJ	3.7
15 MW 4	BK43849	SW8270	12/29/15	1	4-Nitroaniline		ug/L	U	5.0
15 MW 4	BK43849	SW8270	12/29/15	1	4-Nitrophenol		ug/L	U	1.0
15 MW 4	BK43849	SW8270	12/29/15	1	4-Bromophenyl phenyl ether		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	2,4-Dimethylphenol		ug/L	UJ	1.0
15 MW 4	BK43849	SW8270	12/29/15	1	1,4-Dichlorobenzene		ug/L	U	1.1
15 MW 4	BK43849	SW8270	12/29/15	1	4-Chloroaniline		ug/L	UJ	3.7
15 MW 4	BK43849	SW8270	12/29/15	1	Phenol		ug/L	U	1.0
15 MW 4	BK43849	SW8270	12/29/15	1	Pyridine		ug/L	U	11
15 MW 4	BK43849	SW8270	12/29/15	1	Bis(2-chloroethyl)ether		ug/L	U	1.0
15 MW 4	BK43849	SW8270	12/29/15	1	Bis(2-chloroethoxy)methane		ug/L	UJ	5.0
15 MW 4	BK43849	SW8270	12/29/15	1	Di-n-octylphthalate		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	Anthracene		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	1,2,4-Trichlorobenzene		ug/L	UJ	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	2,4-Dichlorophenol		ug/L	UJ	1.0
15 MW 4	BK43849	SW8270	12/29/15	1	2,4-Dinitrotoluene		ug/L	U	5.0
15 MW 4	BK43849	SW8270	12/29/15	1	1,2-Diphenylhydrazine		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	Pyrene	2.1	ug/L	J	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	Dimethylphthalate		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	Dibenzofuran		ug/L	U	5.0
15 MW 4	BK43849	SW8270	12/29/15	1	Fluoranthene	1.8	ug/L	J	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	2,4-Dinitrophenol		ug/L	UJ	1.0
15 MW 4	BK43849	SW8270	12/29/15	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
15 MW 4	BK43849	SW8270	12/29/15	1	1,3-Dichlorobenzene		ug/L	U	1.1



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 4	BK43849	SW8270	12/29/15	1	4-Chloro-3-methylphenol		ug/L	UJ	1.0
15 MW 4	BK43849	SW8270	12/29/15	1	2,6-Dinitrotoluene		ug/L	U	5.0
15 MW 4	BK43849	SW8270	12/29/15	1	N-Nitrosodi-n-propylamine		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	N-Nitrosodimethylamine		ug/L	U	1.1
15 MW 4	BK43849	SW8270	12/29/15	1	Benzoic acid		ug/L	UJ	26
15 MW 4	BK43849	SW8270	12/29/15	1	4-Chlorophenyl phenyl ether		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
15 MW 4	BK43849	SW8270	12/29/15	1	Isophorone		ug/L	UJ	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	Acenaphthene	2.8	ug/L	J	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	Diethyl phthalate		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	Di-n-butylphthalate		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	Benzyl butyl phthalate		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	N-Nitrosodiphenylamine		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	Fluorene		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	Carbazole		ug/L	U	26
15 MW 4	BK43849	SW8270	12/29/15	1	2,4,6-Trichlorophenol		ug/L	UJ	1.0
15 MW 4	BK43849	SW8270	12/29/15	1	2-Nitroaniline		ug/L	U	5.0
15 MW 4	BK43849	SW8270	12/29/15	1	2-Nitrophenol		ug/L	UJ	1.0
15 MW 4	BK43849	SW8270	12/29/15	1	Naphthalene		ug/L	UJ	5.0
15 MW 4	BK43849	SW8270	12/29/15	1	2-Methylnaphthalene		ug/L	UJ	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	2-Chloronaphthalene		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	3,3'-Dichlorobenzidine		ug/L	U	5.0
15 MW 4	BK43849	SW8270	12/29/15	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
15 MW 4	BK43849	SW8270	12/29/15	1	1,2-Dichlorobenzene		ug/L	U	1.1
15 MW 4	BK43849	SW8270	12/29/15	1	2-Chlorophenol		ug/L	U	1.0
15 MW 4	BK43849	SW8270	12/29/15	1	2,4,5-Trichlorophenol		ug/L	UJ	1.0
15 MW 4	BK43849	SW8270	12/29/15	1	Acetophenone		ug/L	U	5.3
15 MW 4	BK43849	SW8270	12/29/15	1	3-Nitroaniline		ug/L	U	5.0
15 MW 4	BK43849	SW8270	12/29/15	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.1
15 MW 4	BK43849	SW8270	12/29/15	1	Benzidine		ug/L	UJ	4.7
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Benz(a)anthracene	0.58	ug/L	J	0.02
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Acenaphthylene	0.25	ug/L	UJ	0.11
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Benzo(a)pyrene	0.57	ug/L	J	0.02
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Bis(2-ethylhexyl)phthalate		ug/L	UJ	1.1
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Benzo(b)fluoranthene	0.44	ug/L	J	0.02
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Hexachlorobutadiene		ug/L	UJ	0.42
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Hexachlorobenzene		ug/L	UJ	0.02
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Indeno(1,2,3-cd)pyrene	0.21	ug/L		0.02
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Benzo(k)fluoranthene	0.40	ug/L		0.02
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Benzo(ghi)perylene	0.26	ug/L	J	0.02



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Hexachloroethane		ug/L	UJ	0.53
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Nitrobenzene		ug/L	UJ	0.11
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Pentachlorophenol		ug/L	UJ	0.84
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	1,2,4,5-Tetrachlorobenzene		ug/L	UJ	0.53
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Chrysene	0.54	ug/L	J	0.02
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Pentachloronitrobenzene		ug/L	UJ	0.11
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Dibenz(a,h)anthracene	0.06	ug/L	J	0.02
15 MW 4	BK43849	SW8270C-SIM	12/28/15	1	Phenanthrene	2.1	ug/L	J	0.11
15 MW 5	BK43850	7010	12/29/15	1	Antimony		mg/L	UJ	0.002
15 MW 5	BK43850	7010	12/29/15	1	Antimony, (Dissolved)		mg/L	UJ	0.003
15 MW 5	BK43850	7010	12/28/15	1	Selenium, (Dissolved)		mg/L	U	0.004
15 MW 5	BK43850	7010	12/29/15	1	Selenium		mg/L	U	0.002
15 MW 5	BK43850	7010	12/28/15	1	Thallium , (Dissolved)		mg/L	UJ	0.0005
15 MW 5	BK43850	7010	12/28/15	1	Thallium - LDL		mg/L	UJ	0.0005
15 MW 5	BK43850	SW6010	12/29/15	1	Cadmium		mg/L	U	0.004
15 MW 5	BK43850	SW6010	12/29/15	1	Nickel	0.005	mg/L	UJ	0.004
15 MW 5	BK43850	SW6010	12/29/15	10	Aluminum (Dissolved)	0.90	mg/L		0.11
15 MW 5	BK43850	SW6010	12/29/15	10	Sodium (Dissolved)	131	mg/L		1.1
15 MW 5	BK43850	SW6010	12/29/15	1	Iron, (Dissolved)	2.24	mg/L		0.01
15 MW 5	BK43850	SW6010	12/29/15	1	Lead (Dissolved)		mg/L	U	0.002
15 MW 5	BK43850	SW6010	12/29/15	1	Magnesium (Dissolved)	22.6	mg/L		0.01
15 MW 5	BK43850	SW6010	12/29/15	1	Manganese, (Dissolved)	0.529	mg/L		0.005
15 MW 5	BK43850	SW6010	12/29/15	1	Nickel, (Dissolved)	0.002	mg/L	J	0.004
15 MW 5	BK43850	SW6010	12/29/15	1	Potassium (Dissolved)	28.6	mg/L		0.1
15 MW 5	BK43850	SW6010	12/29/15	1	Silver (Dissolved)		mg/L	U	0.005
15 MW 5	BK43850	SW6010	12/29/15	1	Arsenic, (Dissolved)	0.024	mg/L		0.003
15 MW 5	BK43850	SW6010	12/29/15	1	Barium (Dissolved)	0.197	mg/L		0.011
15 MW 5	BK43850	SW6010	12/29/15	1	Beryllium (Dissolved)		mg/L	U	0.001
15 MW 5	BK43850	SW6010	12/29/15	1	Cadmium (Dissolved)		mg/L	U	0.004
15 MW 5	BK43850	SW6010	12/29/15	1	Chromium (Dissolved)		mg/L	U	0.001
15 MW 5	BK43850	SW6010	12/29/15	1	Cobalt, (Dissolved)	0.002	mg/L	J	0.005
15 MW 5	BK43850	SW6010	12/29/15	1	Copper, (Dissolved)		mg/L	U	0.005
15 MW 5	BK43850	SW6010	12/29/15	1	Vanadium, (Dissolved)		mg/L	U	0.011
15 MW 5	BK43850	SW6010	12/29/15	1	Zinc, (Dissolved)	0.002	mg/L	J	0.011
15 MW 5	BK43850	SW6010	12/29/15	1	Calcium (Dissolved)	128	mg/L		0.01
15 MW 5	BK43850	SW6010	12/29/15	10	Sodium	142	mg/L	J	1.0
15 MW 5	BK43850	SW6010	12/29/15	1	Aluminum	0.131	mg/L		0.010
15 MW 5	BK43850	SW6010	12/29/15	1	Iron	25.2	mg/L		0.01
15 MW 5	BK43850	SW6010	12/29/15	1	Lead	0.008	mg/L		0.002
15 MW 5	BK43850	SW6010	12/29/15	1	Magnesium	23.3	mg/L		0.01



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 5	BK43850	SW6010	12/29/15	1	Manganese	0.570	mg/L		0.005
15 MW 5	BK43850	SW6010	12/29/15	1	Potassium	28.9	mg/L		0.1
15 MW 5	BK43850	SW6010	12/29/15	1	Silver		mg/L	U	0.005
15 MW 5	BK43850	SW6010	12/29/15	1	Arsenic - LDL	0.162	mg/L		0.004
15 MW 5	BK43850	SW6010	12/29/15	1	Barium	0.357	mg/L		0.010
15 MW 5	BK43850	SW6010	12/29/15	1	Beryllium		mg/L	U	0.001
15 MW 5	BK43850	SW6010	12/29/15	1	Chromium		mg/L	U	0.001
15 MW 5	BK43850	SW6010	12/29/15	1	Cobalt	0.003	mg/L	J	0.005
15 MW 5	BK43850	SW6010	12/29/15	1	Copper		mg/L	U	0.005
15 MW 5	BK43850	SW6010	12/29/15	1	Vanadium	0.001	mg/L	J	0.010
15 MW 5	BK43850	SW6010	12/29/15	1	Zinc	0.007	mg/L	J	0.010
15 MW 5	BK43850	SW6010	12/29/15	1	Calcium	136	mg/L		0.010
15 MW 5	BK43850	SW7470	12/24/15	1	Mercury		mg/L	U	0.0002
15 MW 5	BK43850	SW7470	12/28/15	1	Mercury (Dissolved)		mg/L	U	0.0002
15 MW 5	BK43850	SW8081	12/29/15	1	Heptachlor epoxide		ug/L	U	0.010
15 MW 5	BK43850	SW8081	12/29/15	1	Endosulfan Sulfate		ug/L	U	0.010
15 MW 5	BK43850	SW8081	12/29/15	1	Alachlor		ug/L	U	0.075
15 MW 5	BK43850	SW8081	12/29/15	1	Aldrin		ug/L	U	0.003
15 MW 5	BK43850	SW8081	12/29/15	1	a-BHC		ug/L	U	0.005
15 MW 5	BK43850	SW8081	12/29/15	1	b-BHC		ug/L	U	0.010
15 MW 5	BK43850	SW8081	12/29/15	1	d-BHC		ug/L	U	0.005
15 MW 5	BK43850	SW8081	12/29/15	1	Endosulfan II		ug/L	U	0.010
15 MW 5	BK43850	SW8081	12/29/15	1	4,4' -DDT		ug/L	U	0.010
15 MW 5	BK43850	SW8081	12/29/15	1	a-chlordane		ug/L	U	0.010
15 MW 5	BK43850	SW8081	12/29/15	1	g-chlordane		ug/L	U	0.010
15 MW 5	BK43850	SW8081	12/29/15	1	Endrin ketone		ug/L	U	0.010
15 MW 5	BK43850	SW8081	12/29/15	1	Chlordane		ug/L	U	0.050
15 MW 5	BK43850	SW8081	12/29/15	1	g-BHC (Lindane)		ug/L	U	0.005
15 MW 5	BK43850	SW8081	12/29/15	1	Dieldrin		ug/L	U	0.002
15 MW 5	BK43850	SW8081	12/29/15	1	Endrin		ug/L	U	0.010
15 MW 5	BK43850	SW8081	12/29/15	1	Methoxychlor		ug/L	U	0.10
15 MW 5	BK43850	SW8081	12/29/15	1	4,4' -DDD		ug/L	U	0.010
15 MW 5	BK43850	SW8081	12/29/15	1	4,4' -DDE		ug/L	U	0.010
15 MW 5	BK43850	SW8081	12/29/15	1	Endrin Aldehyde		ug/L	U	0.010
15 MW 5	BK43850	SW8081	12/29/15	1	Heptachlor		ug/L	U	0.010
15 MW 5	BK43850	SW8081	12/29/15	1	Toxaphene		ug/L	U	0.20
15 MW 5	BK43850	SW8081	12/29/15	1	Endosulfan I		ug/L	U	0.010
15 MW 5	BK43850	SW8082	12/24/15	1	PCB-1260		ug/L	U	0.050
15 MW 5	BK43850	SW8082	12/24/15	1	PCB-1254		ug/L	U	0.050
15 MW 5	BK43850	SW8082	12/24/15	1	PCB-1268		ug/L	U	0.050



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 5	BK43850	SW8082	12/24/15	1	PCB-1221		ug/L	U	0.050
15 MW 5	BK43850	SW8082	12/24/15	1	PCB-1232		ug/L	U	0.050
15 MW 5	BK43850	SW8082	12/24/15	1	PCB-1248		ug/L	U	0.050
15 MW 5	BK43850	SW8082	12/24/15	1	PCB-1016		ug/L	U	0.050
15 MW 5	BK43850	SW8082	12/24/15	1	PCB-1262		ug/L	U	0.050
15 MW 5	BK43850	SW8082	12/24/15	1	PCB-1242		ug/L	U	0.050
15 MW 5	BK43850	SW8260	12/25/15	5	Ethylbenzene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Styrene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	cis-1,3-Dichloropropene		ug/L	U	1.0
15 MW 5	BK43850	SW8260	12/25/15	5	trans-1,3-Dichloropropene		ug/L	U	1.0
15 MW 5	BK43850	SW8260	12/25/15	5	n-Propylbenzene	23	ug/L		5.0
15 MW 5	BK43850	SW8260	12/25/15	5	n-Butylbenzene	3.8	ug/L	J	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	4-Chlorotoluene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	1,4-Dichlorobenzene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	1,2-Dibromoethane		ug/L	U	1.0
15 MW 5	BK43850	SW8260	12/25/15	5	Acrolein		ug/L	UJ	13
15 MW 5	BK43850	SW8260	12/25/15	5	1,2-Dichloroethane		ug/L	U	1.0
15 MW 5	BK43850	SW8260	12/25/15	5	Acrylonitrile		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	4-Methyl-2-pentanone		ug/L	U	13
15 MW 5	BK43850	SW8260	12/25/15	5	1,3,5-Trimethylbenzene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Bromobenzene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Toluene	1.6	ug/L	J	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Chlorobenzene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Tetrahydrofuran (THF)		ug/L	UJ	25
15 MW 5	BK43850	SW8260	12/25/15	5	trans-1,4-dichloro-2-butene		ug/L	UJ	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	1,2,4-Trichlorobenzene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Dibromochloromethane		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Tetrachloroethene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	sec-Butylbenzene	35	ug/L		5.0
15 MW 5	BK43850	SW8260	12/25/15	5	1,3-Dichloropropane		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	cis-1,2-Dichloroethene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	trans-1,2-Dichloroethene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Methyl t-butyl ether (MTBE)	3.7	ug/L	J	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	m&p-Xylene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	2-Isopropyltoluene	17	ug/L		5.0
15 MW 5	BK43850	SW8260	12/25/15	5	1,3-Dichlorobenzene		ug/L	U	2.5
15 MW 5	BK43850	SW8260	12/25/15	5	Carbon tetrachloride		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	1,1-Dichloropropene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	2-Hexanone		ug/L	U	13
15 MW 5	BK43850	SW8260	12/25/15	5	2,2-Dichloropropane		ug/L	U	5.0



65 ECKFORD STREET
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 5	BK43850	SW8260	12/25/15	5	1,1,1,2-Tetrachloroethane		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Acetone		ug/L	U	25
15 MW 5	BK43850	SW8260	12/25/15	5	Chloroform		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Benzene		ug/L	U	1.0
15 MW 5	BK43850	SW8260	12/25/15	5	1,1,1-Trichloroethane		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Bromomethane		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Chloromethane		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Dibromomethane		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Bromochloromethane		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Chloroethane	23	ug/L	J	25
15 MW 5	BK43850	SW8260	12/25/15	5	Vinyl chloride		ug/L	U	2.0
15 MW 5	BK43850	SW8260	12/25/15	5	Methylene chloride		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Carbon Disulfide		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Bromoform		ug/L	U	25
15 MW 5	BK43850	SW8260	12/25/15	5	Bromodichloromethane		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	1,1-Dichloroethane		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	1,1-Dichloroethene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Trichlorofluoromethane		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Dichlorodifluoromethane		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Trichlorotrifluoroethane		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	1,2-Dichloropropane		ug/L	U	1.0
15 MW 5	BK43850	SW8260	12/25/15	5	Methyl ethyl ketone		ug/L	U	13
15 MW 5	BK43850	SW8260	12/25/15	5	1,1,2-Trichloroethane		ug/L	U	1.0
15 MW 5	BK43850	SW8260	12/25/15	5	Trichloroethene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	1,1,2,2-Tetrachloroethane		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	1,2,3-Trichlorobenzene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Hexachlorobutadiene		ug/L	U	1.0
15 MW 5	BK43850	SW8260	12/25/15	5	Naphthalene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	o-Xylene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	2-Chlorotoluene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	1,2-Dichlorobenzene		ug/L	U	2.5
15 MW 5	BK43850	SW8260	12/25/15	5	1,2,4-Trimethylbenzene		ug/L	U	5.0
15 MW 5	BK43850	SW8260	12/25/15	5	1,2-Dibromo-3-chloropropane		ug/L	UJ	2.5
15 MW 5	BK43850	SW8260	12/25/15	5	1,2,3-Trichloropropane		ug/L	U	1.0
15 MW 5	BK43850	SW8260	12/25/15	5	tert-Butylbenzene	12	ug/L		5.0
15 MW 5	BK43850	SW8260	12/25/15	5	Isopropylbenzene	25	ug/L		5.0
15 MW 5	BK43850	SW8260	12/25/15	5	p-Isopropyltoluene		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Aniline		ug/L	UJ	3.5
15 MW 5	BK43850	SW8270	12/29/15	1	4-Nitroaniline		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	4-Nitrophenol		ug/L	U	1.0



65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 5	BK43850	SW8270	12/29/15	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	2,4-Dimethylphenol		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	1,4-Dichlorobenzene		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	4-Chloroaniline		ug/L	U	3.5
15 MW 5	BK43850	SW8270	12/29/15	1	Phenol		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	Pyridine		ug/L	U	10
15 MW 5	BK43850	SW8270	12/29/15	1	Bis(2-chloroethyl)ether		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	Bis(2-chloroethoxy)methane		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Di-n-octylphthalate		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Anthracene		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	1,2,4-Trichlorobenzene		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	2,4-Dichlorophenol		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	2,4-Dinitrotoluene		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	1,2-Diphenylhydrazine		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Pyrene		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Dimethylphthalate		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Dibenzofuran		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Fluoranthene		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	2,4-Dinitrophenol		ug/L	UJ	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	1,3-Dichlorobenzene		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	4-Chloro-3-methylphenol		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	2,6-Dinitrotoluene		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	N-Nitrosodimethylamine		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	Benzoic acid		ug/L	UJ	25
15 MW 5	BK43850	SW8270	12/29/15	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Hexachlorocyclopentadiene		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Isophorone		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Acenaphthene		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Diethyl phthalate		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Di-n-butylphthalate		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Benzyl butyl phthalate		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	N-Nitrosodiphenylamine		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Fluorene		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	Carbazole		ug/L	U	25
15 MW 5	BK43850	SW8270	12/29/15	1	2,4,6-Trichlorophenol		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	2-Nitroaniline		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	2-Nitrophenol		ug/L	UJ	1.0



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK43846**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
15 MW 5	BK43850	SW8270	12/29/15	1	Naphthalene		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	2-Methylnaphthalene		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	2-Chloronaphthalene		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	3,3'-Dichlorobenzidine		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	1,2-Dichlorobenzene		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	2-Chlorophenol		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	2,4,5-Trichlorophenol		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	Acetophenone		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	3-Nitroaniline		ug/L	U	5.0
15 MW 5	BK43850	SW8270	12/29/15	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
15 MW 5	BK43850	SW8270	12/29/15	1	Benzidine		ug/L	UJ	4.5
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Benz(a)anthracene	0.03	ug/L	J	0.02
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Acenaphthylene		ug/L	UJ	0.10
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Benzo(a)pyrene		ug/L	UJ	0.02
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Bis(2-ethylhexyl)phthalate		ug/L	UJ	1.0
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Benzo(b)fluoranthene		ug/L	UJ	0.02
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Hexachlorobutadiene		ug/L	UJ	0.40
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Benzo(ghi)perylene		ug/L	UJ	0.02
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Nitrobenzene		ug/L	UJ	0.10
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Hexachlorobenzene		ug/L	UJ	0.02
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Benzo(k)fluoranthene		ug/L	U	0.02
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Chrysene		ug/L	UJ	0.02
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Hexachloroethane		ug/L	UJ	0.50
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Pentachloronitrobenzene		ug/L	UJ	0.10
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Pentachlorophenol		ug/L	UJ	0.80
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Dibenz(a,h)anthracene		ug/L	UJ	0.02
15 MW 5	BK43850	SW8270C-SIM	12/28/15	1	Phenanthrene		ug/L	UJ	0.10
GW DUPLICATE	BK43851	7010	12/29/15	1	Antimony, (Dissolved)		mg/L	UJ	0.003
GW DUPLICATE	BK43851	7010	12/29/15	1	Antimony		mg/L	UJ	0.002
GW DUPLICATE	BK43851	7010	12/28/15	1	Selenium, (Dissolved)	0.003	mg/L	J	0.004
GW DUPLICATE	BK43851	7010	12/28/15	1	Thallium, (Dissolved)		mg/L	UJ	0.0005
GW DUPLICATE	BK43851	7010	12/29/15	1	Selenium	0.001	mg/L	J	0.002
GW DUPLICATE	BK43851	7010	12/28/15	1	Thallium - LDL		mg/L	UJ	0.0005
GW DUPLICATE	BK43851	SW6010	12/30/15	1	Aluminum (Dissolved)		mg/L	UJ	0.011
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Arsenic, (Dissolved)	0.001	mg/L	J	0.003
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Barium (Dissolved)	0.327	mg/L		0.011
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Beryllium (Dissolved)		mg/L	U	0.001



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Cadmium (Dissolved)		mg/L	U	0.004
GW DUPLICATE	BK43851	SW6010	12/29/15	10	Calcium (Dissolved)	250	mg/L		0.11
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Chromium (Dissolved)		mg/L	U	0.001
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Cobalt, (Dissolved)		mg/L	U	0.005
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Copper, (Dissolved)		mg/L	U	0.005
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Iron, (Dissolved)	0.03	mg/L		0.01
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Aluminum	0.235	mg/L		0.010
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Lead (Dissolved)		mg/L	U	0.002
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Arsenic - LDL	0.005	mg/L		0.004
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Barium	0.398	mg/L		0.010
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Magnesium (Dissolved)	19.3	mg/L		0.01
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Manganese, (Dissolved)	1.18	mg/L		0.005
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Nickel, (Dissolved)		mg/L	U	0.004
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Potassium (Dissolved)	28.7	mg/L		0.1
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Silver (Dissolved)		mg/L	U	0.005
GW DUPLICATE	BK43851	SW6010	12/29/15	10	Sodium (Dissolved)	211	mg/L		1.1
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Vanadium, (Dissolved)		mg/L	U	0.011
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Beryllium		mg/L	U	0.001
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Cadmium		mg/L	U	0.004
GW DUPLICATE	BK43851	SW6010	12/29/15	10	Calcium	268	mg/L		0.10
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Chromium		mg/L	U	0.001
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Cobalt		mg/L	U	0.005
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Copper	0.002	mg/L	J	0.005
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Iron	5.98	mg/L		0.01
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Lead	0.019	mg/L		0.002
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Magnesium	19.8	mg/L		0.01
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Manganese	1.22	mg/L		0.005
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Nickel	0.002	mg/L	UJ	0.004
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Potassium	28.4	mg/L		0.1
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Silver		mg/L	U	0.005
GW DUPLICATE	BK43851	SW6010	12/29/15	10	Sodium	230	mg/L	J	1.0
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Vanadium		mg/L	U	0.010
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Zinc	0.055	mg/L		0.010
GW DUPLICATE	BK43851	SW6010	12/29/15	1	Zinc, (Dissolved)	0.009	mg/L	J	0.011
GW DUPLICATE	BK43851	SW7470	12/28/15	1	Mercury (Dissolved)		mg/L	U	0.0002
GW DUPLICATE	BK43851	SW7470	12/24/15	1	Mercury		mg/L	U	0.0002
GW DUPLICATE	BK43851	SW8081	12/29/15	1	Heptachlor epoxide		ug/L	U	0.010
GW DUPLICATE	BK43851	SW8081	12/29/15	1	Endosulfan Sulfate		ug/L	U	0.010
GW DUPLICATE	BK43851	SW8081	12/29/15	1	Alachlor		ug/L	U	0.075
GW DUPLICATE	BK43851	SW8081	12/29/15	1	Aldrin		ug/L	U	0.002



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
GW DUPLICATE	BK43851	SW8081	12/29/15	1	a-BHC		ug/L	U	0.005
GW DUPLICATE	BK43851	SW8081	12/29/15	1	b-BHC		ug/L	U	0.005
GW DUPLICATE	BK43851	SW8081	12/29/15	1	d-BHC		ug/L	U	0.005
GW DUPLICATE	BK43851	SW8081	12/29/15	1	Endosulfan II		ug/L	U	0.010
GW DUPLICATE	BK43851	SW8081	12/29/15	1	4,4' -DDT		ug/L	U	0.010
GW DUPLICATE	BK43851	SW8081	12/29/15	1	a-chlordane		ug/L	U	0.010
GW DUPLICATE	BK43851	SW8081	12/29/15	1	g-chlordane		ug/L	U	0.010
GW DUPLICATE	BK43851	SW8081	12/29/15	1	Endrin ketone		ug/L	U	0.010
GW DUPLICATE	BK43851	SW8081	12/29/15	1	Chlordane		ug/L	U	0.050
GW DUPLICATE	BK43851	SW8081	12/29/15	1	g-BHC (Lindane)		ug/L	U	0.005
GW DUPLICATE	BK43851	SW8081	12/29/15	1	Dieldrin		ug/L	U	0.002
GW DUPLICATE	BK43851	SW8081	12/29/15	1	Endrin		ug/L	U	0.010
GW DUPLICATE	BK43851	SW8081	12/29/15	1	Methoxychlor		ug/L	U	0.10
GW DUPLICATE	BK43851	SW8081	12/29/15	1	4,4' -DDD		ug/L	U	0.010
GW DUPLICATE	BK43851	SW8081	12/29/15	1	4,4' -DDE		ug/L	U	0.010
GW DUPLICATE	BK43851	SW8081	12/29/15	1	Endrin Aldehyde		ug/L	U	0.010
GW DUPLICATE	BK43851	SW8081	12/29/15	1	Heptachlor		ug/L	U	0.010
GW DUPLICATE	BK43851	SW8081	12/29/15	1	Toxaphene		ug/L	U	0.20
GW DUPLICATE	BK43851	SW8081	12/29/15	1	Endosulfan I		ug/L	U	0.010
GW DUPLICATE	BK43851	SW8082	12/24/15	1	PCB-1260		ug/L	U	0.050
GW DUPLICATE	BK43851	SW8082	12/24/15	1	PCB-1254		ug/L	U	0.050
GW DUPLICATE	BK43851	SW8082	12/24/15	1	PCB-1268		ug/L	U	0.050
GW DUPLICATE	BK43851	SW8082	12/24/15	1	PCB-1221		ug/L	U	0.050
GW DUPLICATE	BK43851	SW8082	12/24/15	1	PCB-1232		ug/L	U	0.050
GW DUPLICATE	BK43851	SW8082	12/24/15	1	PCB-1248		ug/L	U	0.050
GW DUPLICATE	BK43851	SW8082	12/24/15	1	PCB-1016		ug/L	U	0.050
GW DUPLICATE	BK43851	SW8082	12/24/15	1	PCB-1262		ug/L	U	0.050
GW DUPLICATE	BK43851	SW8082	12/24/15	1	PCB-1242		ug/L	U	0.050
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Acetone	3.0	ug/L	J	5.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Chloromethane	0.31	ug/L	J	5.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Methyl ethyl ketone	2.7	ug/L	J	2.5
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Ethylbenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Styrene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	cis-1,3-Dichloropropene		ug/L	U	0.40
GW DUPLICATE	BK43851	SW8260	12/25/15	1	trans-1,3-Dichloropropene		ug/L	U	0.40
GW DUPLICATE	BK43851	SW8260	12/25/15	1	n-Propylbenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	n-Butylbenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	4-Chlorotoluene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,4-Dichlorobenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,2-Dibromoethane		ug/L	U	1.0



**65 ECKFORD STREET
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Acrolein		ug/L	UJ	5.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,2-Dichloroethane		ug/L	U	0.60
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Acrylonitrile		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	4-Methyl-2-pentanone		ug/L	U	2.5
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Bromobenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Methyl t-butyl ether (MTBE)	2.1	ug/L		1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Chlorobenzene		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Tetrahydrofuran (THF)		ug/L	UJ	5.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	trans-1,4-dichloro-2-butene		ug/L	UJ	2.5
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Dibromochloromethane		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Tetrachloroethene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,3-Dichloropropane		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	cis-1,2-Dichloroethene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	trans-1,2-Dichloroethene		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	sec-Butylbenzene	0.69	ug/L	J	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	m&p-Xylene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	2-Isopropyltoluene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,3-Dichlorobenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Carbon tetrachloride		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,1-Dichloropropene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	2-Hexanone		ug/L	U	2.5
GW DUPLICATE	BK43851	SW8260	12/25/15	1	2,2-Dichloropropane		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Chloroform		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Benzene		ug/L	U	0.70
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,1,1-Trichloroethane		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Bromomethane		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	tert-Butylbenzene	1.6	ug/L		1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Dibromomethane		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Bromochloromethane		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Chloroethane		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Vinyl chloride		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Methylene chloride		ug/L	U	3.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Carbon Disulfide		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Bromoform		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Bromodichloromethane		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,1-Dichloroethane		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,1-Dichloroethene		ug/L	U	1.0



**65 ECKFORD STREET
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Trichlorofluoromethane		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Dichlorodifluoromethane		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Trichlorotrifluoroethane		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,2-Dichloropropane		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,1,2-Trichloroethane		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Trichloroethene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Hexachlorobutadiene		ug/L	U	0.50
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Naphthalene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	o-Xylene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	2-Chlorotoluene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,2-Dichlorobenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	1,2,3-Trichloropropane		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Toluene	1.4	ug/L	J	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	Isopropylbenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8260	12/25/15	1	p-Isopropyltoluene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	1,2,4-Trichlorobenzene		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	1,2-Dichlorobenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	1,2-Diphenylhydrazine		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	1,3-Dichlorobenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	1,4-Dichlorobenzene		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	2,4,5-Trichlorophenol		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	2,4,6-Trichlorophenol		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	2,4-Dichlorophenol		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	2,4-Dimethylphenol		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	2,4-Dinitrophenol		ug/L	UJ	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	2,4-Dinitrotoluene		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	2,6-Dinitrotoluene		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	2-Chloronaphthalene		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	2-Chlorophenol		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	2-Methylnaphthalene		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	2-Nitroaniline		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	2-Nitrophenol		ug/L	UJ	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	3,3'-Dichlorobenzidine		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	3-Nitroaniline		ug/L	U	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
GW DUPLICATE	BK43851	SW8270	12/29/15	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	4-Chloro-3-methylphenol		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	4-Chloroaniline		ug/L	U	3.5
GW DUPLICATE	BK43851	SW8270	12/29/15	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	4-Nitroaniline		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	4-Nitrophenol		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Acenaphthene		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Acetophenone		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Aniline		ug/L	UJ	3.5
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Anthracene		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Benzidine		ug/L	UJ	4.5
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Benzoic acid		ug/L	UJ	25
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Benzyl butyl phthalate		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Bis(2-chloroethoxy)methane		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Bis(2-chloroethyl)ether		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Carbazole		ug/L	U	25
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Dibenzofuran		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Diethyl phthalate		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Dimethylphthalate		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Di-n-butylphthalate		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Di-n-octylphthalate		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Fluoranthene		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Fluorene		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Hexachlorocyclopentadiene		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Isophorone		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Naphthalene		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	N-Nitrosodimethylamine		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	N-Nitrosodiphenylamine		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Phenol		ug/L	U	1.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Pyrene		ug/L	U	5.0
GW DUPLICATE	BK43851	SW8270	12/29/15	1	Pyridine		ug/L	U	10
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Acenaphthylene		ug/L	UJ	0.10
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Benz(a)anthracene	0.08	ug/L	J	0.02
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Benzo(a)pyrene	0.05	ug/L	J	0.02
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Benzo(b)fluoranthene	0.04	ug/L	J	0.02
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Benzo(ghi)perylene	0.03	ug/L	J	0.02



65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK43846

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Benzo(k)fluoranthene	0.04	ug/L	J	0.02
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Bis(2-ethylhexyl)phthalate		ug/L	UJ	1.0
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Chrysene	0.06	ug/L	J	0.02
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Dibenz(a,h)anthracene		ug/L	UJ	0.02
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Hexachlorobenzene		ug/L	UJ	0.02
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Hexachlorobutadiene		ug/L	UJ	0.40
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Hexachloroethane		ug/L	UJ	0.50
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Indeno(1,2,3-cd)pyrene	0.02	ug/L	J	0.02
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Nitrobenzene		ug/L	UJ	0.10
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Pentachloronitrobenzene		ug/L	UJ	0.10
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Pentachlorophenol		ug/L	UJ	0.80
GW DUPLICATE	BK43851	SW8270C-SIM	12/28/15	1	Phenanthrene	1.0	ug/L	J	0.10

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

Project Name: 65 Eckford Street
Location: Broooklyn, New York
Project Number: 3020-022
SDG #: GBK43839
Client: Environmental Business Consultants
Date: 02/19/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for seven (7) air samples analyzed for Volatiles by TO-15 in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 12/22/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/23/2015 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
SG4	BK43839	12/22/15	VOA	Air	19635
SG6	BK43840	12/22/15	VOA	Air	13635
SG1	BK43841	12/22/15	VOA	Air	12855
SG3	BK43842	12/22/15	VOA	Air	19631
SG7	BK43843	12/22/15	VOA	Air	13642
SG2	BK43844	12/22/15	VOA	Air	11286
SG5	BK43845	12/22/15	VOA	Air	13633

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 12/15/2015 (Chem24) exhibited acceptable %RSDs ($\leq 30.0\%$) for all compounds and average RRF values (≥ 0.050) for all compounds with the exception of some compounds listed in section 15.5, Page 13 in SOP # HW-31, were ≥ 0.01 with the following exception(s):

Compound	%D
Isopropylalcohol	34.9

Client Sample ID	Laboratory Sample ID	Compound	Action
SG4	BK43839	Isopropylalcohol	J
SG6	BK43840	Isopropylalcohol	J
SG1	BK43841	Isopropylalcohol	J
SG3	BK43842	Isopropylalcohol	J
SG7	BK43843	Isopropylalcohol	J
SG2	BK43844	Isopropylalcohol	J
SG5	BK43845	Isopropylalcohol	J

Continuing Calibration Verification (CCV):

1. CCV analyzed on 12/23/2015 @ 12:06 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds. No qualifications were required.
2. CCV analyzed on 12/24/2015 @ 12:34 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
Ethanol	34.0
Isopropylalcohol ⁽¹⁾	32.0

(1) Results for this compound were previously qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
SG4	BK43839	Ethanol, Isopropylalcohol	J
SG6	BK43840	Ethanol Isopropylalcohol	UJ J
SG1	BK43841	Ethanol Isopropylalcohol	UJ J
SG3	BK43842	Ethanol Isopropylalcohol	UJ J
SG4 DL	BK43839	Ethanol, Isopropylalcohol	None
SG6 DL	BK43840	Ethanol, Isopropylalcohol	None
SG1 DL	BK43841	Ethanol, Isopropylalcohol	None

3. CCV analyzed on 12/24/2015 @ 03:11 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds. No qualifications were required.
4. CCV analyzed on 12/24/2015 @ 03:40 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
Ethanol	37.7

Compound	%D
Isopropylalcohol	36.9

Client Sample ID	Laboratory Sample ID	Compound	Action
SG3 DL	BK43842	Ethanol, Isopropylalcohol	None
SG7	BK43843	Ethanol Isopropylalcohol	UJ J
SG2	BK43844	Ethanol, Isopropylalcohol	J
SG5	BK43845	Ethanol Isopropylalcohol	UJ J
SG2 DL	BK43844	Ethanol, Isopropylalcohol	None
SG5 DL	BK43845	Ethanol Isopropylalcohol	UJ J

5. CCV analyzed on 12/24/2015 @ 18:37 (CHEM24) exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds with the following exception(s):

Compound	%D
Trichloroethene	20.9

Client Sample ID	Laboratory Sample ID	Compound	Action
SG3 DL	BK43842	Trichloroethene	J
SG7	BK43843	Trichloroethene	None
SG2	BK43844	Trichloroethene	J
SG5	BK43845	Trichloroethene	None
SG2 DL	BK43844	Trichloroethene	None
SG5 DL	BK43845	Trichloroethene	J

6. CCV analyzed on 12/24/2015 @ 19:05 (CHEM24) exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds with the following exception(s):

Compound	%D
Propylene	23.6
Ethanol	34.3
Acetone	25.2
Isopropylalcohol	31.0
Ethyl acetate	23.9
Tetrahydrofuran	21.8
Heptane	25.9
4-Methyl-2-Pentanone	22.1

Client Sample ID	Laboratory Sample ID	Compound	Action
SG3 DL	BK43842	Acetone	J
SG7	BK43843	Propylene, Acetone, Isopropylalcohol, Heptane, 4-Methyl-2-Pentanone Ethanol, Ethyl acetate, Tetrahydrofuran	J J UJ
SG2	BK43844	Ethanol, Isopropylalcohol, Heptane 4-Methyl-2-Pentanone Ethyl acetate, Tetrahydrofuran	J UJ UJ
SG5	BK43845	Isopropylalcohol, Heptane Ethanol, Acetone, 4-Methyl-2-Pentanone Ethyl acetate, Tetrahydrofuran	J UJ UJ UJ
SG2 DL	BK43844	Propylene, Acetone	J
SG5 DL	BK43845	Propylene	J

Surrogates:

1. 4-Bromofluorobenzene (BFB) surrogate spike recovered within the laboratory control limits (70-130%) with the following exception(s):

Client Sample ID	Laboratory Sample ID	Surrogate	Compound	Action
SG4	BK43839	BFB (417%)	Positive hits – J Non-detects – None For results run at 1x dilution	J
SG6	BK43840	BFB (699%)	Positive hits – J Non-detects – None For results run at 1x dilution	J
SG6 DL	BK43840	BFB (169%)	Acetone, Trichloroethene	J
SG7	BK43843	BFB (839%)	Positive hits – J Non-detects – None	J
SG5	BK43845	BFB (481%)	Positive hits – J Non-detects – None For results run at 3x dilution	J
SG5 DL	BK43845	BFB (384%)	Hexane, Cyclohexane, Propylene	J

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all three internal standards within the QC limits with the following exception(s):

Client Sample ID	Laboratory Sample ID	IS	Compound	Action
SG6	BK43840 (SIM)	Chlorobenzene-d5 (High)	M,p-Xylene (SIM)	None
SG4 DL	BK43839 (SIM)	Chlorobenzene-d5 (High)	M,p-Xylene (SIM)	None
SG6 DL	BK43840 (SIM)	Chlorobenzene-d5 (High)	M,p-Xylene (SIM)	None
SG6	BK43840	Chlorobenzene-d5 (High)	M,p-xylene, o-xylene	J
SG4	BK43839	Chlorobenzene-d5 (High)	M,p-xylene, o-xylene	J
SG2 DL	BK43844 (SIM)	Chlorobenzene-d5 (High)	M,p-Xylene (SIM)	None
SG7	BK43843 (SIM)	Chlorobenzene-d5 (High)	M,p-Xylene (SIM)	None
SG5	BK43845 (SIM)	Chlorobenzene-d5 (High)	M,p-Xylene (SIM)	None
SG5 DL	BK43845 (SIM)	Chlorobenzene-d5 (High)	M,p-Xylene (SIM)	None
SG2 DL	BK43844	Chlorobenzene-d5 (High)	M,p-xylene, o-xylene	None
SG7	BK43843	Chlorobenzene-d5 (High)	M,p-xylene, o-xylene	None
SG5	BK43845	Chlorobenzene-d5 (High)	M,p-xylene o-xylene	None J
SG5 DL	BK43845	Chlorobenzene-d5 (High)	M,p-xylene, o-xylene	None

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 BK43355) analyzed on 12/23/15 was free of contamination. No qualifications were required.
2. Method Blank (BLANK BK43844) analyzed on 12/24/15 was free of contamination. No qualifications were required.
3. Canister Certification Check:

Laboratory Sample ID	Date Analyzed	Compound	Result (ppbv)	Certification Contamination Level (5x)* (ppbv)	Sample Affected	Canister ID #	Action
BLK 757	09/30/15	Ethanol	2.00	10.00	SG6	13635	U
		Methyl Ethyl Ketone	0.490	2.45	SG6	13635	None
BLK 787	12/11/15	Ethanol	1.30	6.5	SG1	12855	U
					SG5	13633	U
					SG7	13642	U
					SG3	19631	U
		Acetone	0.670	3.35	SG1	12855	None
					SG5	13633	
BLK 789	12/09/15	Methyl Ethyl Ketone	0.530	2.65	SG7	13642	U
					SG3	19631	U
					SG1	12855	None
					SG5	13633	None
		None	-	-	SG7	13642	U
					SG3	19631	U

*= 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 BK43355) was analyzed on 12/23/2015. All %RECs were within the laboratory control limits with the following exceptions(s):

Compound	%R	Sample Affected	Action
1,2,4-Trichlorobenzene	159	SG4, SG6, SG1, SG3, SG4 DL, SG6 DL, SG1 DL	None
Hexachlorobutadiene	137	SG4, SG6, SG1, SG3, SG4 DL, SG6 DL, SG1 DL	None

2. Laboratory Control Sample (LCS BK43844) was analyzed on 12/24/2015. 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. No qualifications were required.
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 (BK43839)

Toluene

Result (ppbv) = 5.42

Molecular Weight @ 25°C=92.14

DF = 1

$$\text{Concentration } (\mu\text{g}/\text{m}^3) = \frac{5.42 \times 92.14 \times 1}{24.46} = 20.4 \mu\text{g}/\text{m}^3$$

Compound	Laboratory ($\mu\text{g}/\text{m}^3$)	Validation ($\mu\text{g}/\text{m}^3$)	%D
Toluene	20.4	20.4	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: GBK43839.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK43839.



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBK43839**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG 4	BK43839	TO15	12/23/15	1	Ethylbenzene	13.9	ug/m3	J	1.00
SG 4	BK43839	TO15	12/23/15	1	Styrene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Benzyl chloride		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	n-Butylbenzene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	1,3-Butadiene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	1,2-Dichloroethane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Acrylonitrile		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	1,3,5-Trimethylbenzene	1.00	ug/m3	J	1.00
SG 4	BK43839	TO15	12/23/15	1	Toluene	20.4	ug/m3	J	1.00
SG 4	BK43839	TO15	12/23/15	1	Chlorobenzene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Tetrahydrofuran		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Cyclohexane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	1,4-Dioxane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Dibromochloromethane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Tetrachloroethene	7.93	ug/m3	J	0.25
SG 4	BK43839	TO15	12/23/15	1	sec-Butylbenzene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Ethyl acetate		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Heptane	64.7	ug/m3	J	1.00
SG 4	BK43839	TO15	12/23/15	1	Cis-1,2-Dichloroethene	1.03	ug/m3	J	1.00
SG 4	BK43839	TO15	12/23/15	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	m,p-Xylene	13.9	ug/m3	J	1.00
SG 4	BK43839	TO15	12/23/15	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Carbon Tetrachloride		ug/m3	U	0.25
SG 4	BK43839	TO15	12/23/15	1	2-Hexanone(MBK)		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	4-Ethyltoluene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/24/15	10	Acetone	577	ug/m3		10.0
SG 4	BK43839	TO15	12/23/15	1	Isopropylalcohol	4.45	ug/m3	J	1.00
SG 4	BK43839	TO15	12/23/15	1	Chloroform	1.58	ug/m3	J	1.00
SG 4	BK43839	TO15	12/23/15	1	Benzene	49.2	ug/m3	J	1.00



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBK43839**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG 4	BK43839	TO15	12/23/15	1	1,1,1-Trichloroethane	1.37	ug/m3	J	1.00
SG 4	BK43839	TO15	12/23/15	1	Bromomethane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Chloromethane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Chloroethane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Vinyl Chloride		ug/m3	U	0.25
SG 4	BK43839	TO15	12/23/15	1	Methylene Chloride	2.30	ug/m3	J	1.00
SG 4	BK43839	TO15	12/23/15	1	Carbon Disulfide	12.0	ug/m3	J	1.00
SG 4	BK43839	TO15	12/23/15	1	Bromoform		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Bromodichloromethane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	1,1-Dichloroethane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	1,1-Dichloroethene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Trichlorofluoromethane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Dichlorodifluoromethane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	1,2-dichloropropane		ug/m3	U	1.00
SG 6	BK43840	TO15	12/24/15	10	Acetone	275	ug/m3	J	10.0
SG 4	BK43839	TO15	12/23/15	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Trichloroethene	6.18	ug/m3	J	0.25
SG 4	BK43839	TO15	12/23/15	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Hexachlorobutadiene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	o-Xylene	2.39	ug/m3	J	1.00
SG 4	BK43839	TO15	12/23/15	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	1,2,4-Trimethylbenzene	1.62	ug/m3	J	1.00
SG 4	BK43839	TO15	12/23/15	1	Isopropylbenzene	4.43	ug/m3	J	1.00
SG 4	BK43839	TO15	12/23/15	1	4-Isopropyltoluene		ug/m3	U	1.00
SG 4	BK43839	TO15	12/24/15	10	Hexane	193	ug/m3		10.0
SG 4	BK43839	TO15	12/24/15	10	Propylene	473	ug/m3		10.0
SG 1	BK43841	TO15	12/24/15	10	Acetone	475	ug/m3		10.0
SG 6	BK43840	TO15	12/23/15	1	Ethylbenzene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Styrene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Benzyl chloride		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	n-Butylbenzene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBK43839**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG 6	BK43840	TO15	12/23/15	1	1,3-Butadiene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	1,2-Dichloroethane		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Acrylonitrile		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	4-Methyl-2-pentanone(MIBK)	3.03	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Toluene	15.1	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	Chlorobenzene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Tetrahydrofuran		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Hexane	11.1	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	Cyclohexane		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Propylene	66.4	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	1,4-Dioxane		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Dibromochloromethane		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Tetrachloroethene	13.8	ug/m3	J	0.25
SG 6	BK43840	TO15	12/23/15	1	sec-Butylbenzene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Ethyl acetate		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Heptane	7.66	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	m,p-Xylene	4.05	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Carbon Tetrachloride		ug/m3	U	0.25
SG 6	BK43840	TO15	12/23/15	1	2-Hexanone(MBK)		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	4-Ethyltoluene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	5	Acetone	117	ug/m3	J	5.01
SG 6	BK43840	TO15	12/23/15	1	Isopropylalcohol	3.05	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	Chloroform	16.5	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	Benzene	4.15	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	1,1,1-Trichloroethane	1.62	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	Bromomethane		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Chloromethane		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Chloroethane	59.1	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	Vinyl Chloride		ug/m3	U	0.25
SG 6	BK43840	TO15	12/23/15	1	Methylene Chloride	2.43	ug/m3	J	1.00



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG 6	BK43840	TO15	12/23/15	1	Carbon Disulfide	62.5	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	Bromoform		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Bromodichloromethane		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	1,1-Dichloroethane	1.72	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	1,1-Dichloroethene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Trichlorofluoromethane	1.56	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	Dichlorodifluoromethane	1.68	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	1,2-dichloropropane		ug/m3	U	1.00
SG 7	BK43843	TO15	12/24/15	5	Acetone	203	ug/m3	J	5.01
SG 6	BK43840	TO15	12/23/15	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Hexachlorobutadiene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	o-Xylene	1.50	ug/m3	J	1.00
SG 6	BK43840	TO15	12/23/15	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	1,2,4-Trimethylbenzene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Isopropylbenzene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	4-Isopropyltoluene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	10	Acetone	451	ug/m3	J	10.0
SG 6	BK43840	TO15	12/24/15	10	Trichloroethene	245	ug/m3	J	2.50
SG 1	BK43841	TO15	12/23/15	1	Ethylbenzene	1.10	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	Styrene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Benzyl chloride		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	n-Butylbenzene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	1,3-Butadiene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	1,2-Dichloroethane		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Acrylonitrile		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Toluene	9.9	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	Chlorobenzene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Tetrahydrofuran		ug/m3	U	1.00



**65 ECKFORD STREET
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG 1	BK43841	TO15	12/23/15	1	Hexane		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Cyclohexane		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Propylene	3.61	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	1,4-Dioxane		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Dibromochloromethane		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Tetrachloroethene	69.8	ug/m3		0.25
SG 1	BK43841	TO15	12/23/15	1	sec-Butylbenzene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Ethyl acetate		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Heptane	1.45	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	Cis-1,2-Dichloroethene	85.2	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	Trans-1,2-Dichloroethene	15.5	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	m,p-Xylene	4.34	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Carbon Tetrachloride		ug/m3	U	0.25
SG 1	BK43841	TO15	12/23/15	1	2-Hexanone(MBK)	4.30	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	4-Ethyltoluene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG 5	BK43845	TO15	12/24/15	3	Acetone		ug/m3	UJ	2.99
SG 1	BK43841	TO15	12/23/15	1	Isopropylalcohol	4.03	ug/m3	J	1.00
SG 1	BK43841	TO15	12/23/15	1	Chloroform	33.0	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	Benzene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	1,1,1-Trichloroethane	3.38	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	Bromomethane		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Chloromethane		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Chloroethane		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Vinyl Chloride	1.26	ug/m3		0.25
SG 1	BK43841	TO15	12/23/15	1	Methylene Chloride	2.75	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	Carbon Disulfide		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Bromoform		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Bromodichloromethane		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	1,1-Dichloroethane	6.63	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	1,1-Dichloroethene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Trichlorofluoromethane		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Dichlorodifluoromethane	2.14	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	Trichlorotrifluoroethane		ug/m3	U	1.00



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG 1	BK43841	TO15	12/23/15	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	1,2-dichloropropane		ug/m3	U	1.00
SG 4	BK43839	TO15	12/23/15	1	Ethanol	10.1	ug/m3	J	1.00
SG 1	BK43841	TO15	12/23/15	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	Hexachlorobutadiene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	o-Xylene	1.17	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	1,2,4-Trimethylbenzene	1.64	ug/m3		1.00
SG 1	BK43841	TO15	12/23/15	1	Isopropylbenzene		ug/m3	U	1.00
SG 1	BK43841	TO15	12/23/15	1	4-Isopropyltoluene		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Ethanol	6.12	ug/m3	UJ	1.00
SG 1	BK43841	TO15	12/24/15	10	Trichloroethene	1650	ug/m3		2.50
SG 1	BK43841	TO15	12/23/15	1	Ethanol	8.94	ug/m3	UJ	1.00
SG 3	BK43842	TO15	12/24/15	1	Isopropylalcohol	1.94	ug/m3	J	1.00
SG 3	BK43842	TO15	12/24/15	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Tetrahydrofuran		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Propylene	5.87	ug/m3		1.00
SG 3	BK43842	TO15	12/24/15	1	Ethyl acetate		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Heptane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Ethanol	4.59	ug/m3	UJ	1.00
SG 3	BK43842	TO15	12/24/15	1	Ethylbenzene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Styrene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Benzyl chloride		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	n-Butylbenzene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	1,3-Butadiene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	1,2-Dichloroethane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Acrylonitrile		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Toluene	2.07	ug/m3		1.00
SG 3	BK43842	TO15	12/24/15	1	Chlorobenzene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Hexane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Cyclohexane		ug/m3	U	1.00



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG 3	BK43842	TO15	12/24/15	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	1,4-Dioxane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Dibromochloromethane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Tetrachloroethene	7.39	ug/m3		0.25
SG 3	BK43842	TO15	12/24/15	1	sec-Butylbenzene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	m,p-Xylene	1.86	ug/m3		1.00
SG 3	BK43842	TO15	12/24/15	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Carbon Tetrachloride	0.35	ug/m3		0.25
SG 3	BK43842	TO15	12/24/15	1	2-Hexanone(MBK)		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	4-Ethyltoluene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Chloroform		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Benzene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	1,1,1-Trichloroethane	47.6	ug/m3		1.00
SG 3	BK43842	TO15	12/24/15	1	Bromomethane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Chloromethane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Chloroethane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Vinyl Chloride		ug/m3	U	0.25
SG 3	BK43842	TO15	12/24/15	1	Methylene Chloride	3.10	ug/m3		1.00
SG 3	BK43842	TO15	12/24/15	1	Carbon Disulfide	1.85	ug/m3		1.00
SG 3	BK43842	TO15	12/24/15	1	Bromoform		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Bromodichloromethane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	1,1-Dichloroethane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	1,1-Dichloroethene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Trichlorofluoromethane	1.99	ug/m3		1.00
SG 3	BK43842	TO15	12/24/15	1	Dichlorodifluoromethane	2.06	ug/m3		1.00
SG 3	BK43842	TO15	12/24/15	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	1,2-dichloropropane		ug/m3	U	1.00
SG 7	BK43843	TO15	12/24/15	5	Ethanol	6.23	ug/m3	UJ	5.01
SG 3	BK43842	TO15	12/24/15	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Trichloroethene	14.1	ug/m3	J	0.25
SG 3	BK43842	TO15	12/24/15	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	Hexachlorobutadiene		ug/m3	U	1.00



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG 3	BK43842	TO15	12/24/15	1	o-Xylene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	1,2,4-Trimethylbenzene	1.26	ug/m3		1.00
SG 3	BK43842	TO15	12/24/15	1	Isopropylbenzene		ug/m3	U	1.00
SG 3	BK43842	TO15	12/24/15	1	4-Isopropyltoluene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Ethanol	14.8	ug/m3	J	1.00
SG 7	BK43843	TO15	12/24/15	5	Isopropylalcohol	8.55	ug/m3	J	5.01
SG 7	BK43843	TO15	12/24/15	5	4-Methyl-2-pentanone(MIBK)	5.77	ug/m3	J	4.99
SG 7	BK43843	TO15	12/24/15	5	Tetrahydrofuran		ug/m3	UJ	5.01
SG 7	BK43843	TO15	12/24/15	5	Propylene	182	ug/m3	J	5.01
SG 7	BK43843	TO15	12/24/15	5	Ethyl acetate		ug/m3	UJ	5.01
SG 7	BK43843	TO15	12/24/15	5	Heptane	6.47	ug/m3	J	5.00
SG 5	BK43845	TO15	12/24/15	3	Ethanol	7.49	ug/m3	UJ	2.99
SG 7	BK43843	TO15	12/24/15	5	Ethylbenzene		ug/m3	U	4.99
SG 7	BK43843	TO15	12/24/15	5	Styrene		ug/m3	U	4.98
SG 7	BK43843	TO15	12/24/15	5	Benzyl chloride		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	cis-1,3-Dichloropropene		ug/m3	U	4.99
SG 7	BK43843	TO15	12/24/15	5	trans-1,3-Dichloropropene		ug/m3	U	4.99
SG 7	BK43843	TO15	12/24/15	5	n-Butylbenzene		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	1,4-Dichlorobenzene		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	1,2-Dibromoethane(EDB)		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	1,3-Butadiene		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	1,2-Dichloroethane		ug/m3	U	5.02
SG 7	BK43843	TO15	12/24/15	5	Acrylonitrile		ug/m3	U	5.01
SG 7	BK43843	TO15	12/24/15	5	1,3,5-Trimethylbenzene		ug/m3	U	5.01
SG 7	BK43843	TO15	12/24/15	5	Toluene	6.21	ug/m3	J	5.01
SG 7	BK43843	TO15	12/24/15	5	Chlorobenzene		ug/m3	U	5.01
SG 7	BK43843	TO15	12/24/15	5	Hexane	18.1	ug/m3	J	5.00
SG 7	BK43843	TO15	12/24/15	5	Cyclohexane	10.9	ug/m3	J	4.99
SG 7	BK43843	TO15	12/24/15	5	1,2,4-Trichlorobenzene		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	1,4-Dioxane		ug/m3	U	5.01
SG 7	BK43843	TO15	12/24/15	5	Dibromochloromethane		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	Tetrachloroethene	14.3	ug/m3	J	1.25
SG 7	BK43843	TO15	12/24/15	5	sec-Butylbenzene		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	Cis-1,2-Dichloroethene		ug/m3	U	4.99
SG 7	BK43843	TO15	12/24/15	5	Trans-1,2-Dichloroethene		ug/m3	U	4.99
SG 7	BK43843	TO15	12/24/15	5	Methyl tert-butyl ether(MTBE)		ug/m3	U	5.01



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG 7	BK43843	TO15	12/24/15	5	m,p-Xylene		ug/m3	U	4.99
SG 7	BK43843	TO15	12/24/15	5	1,3-Dichlorobenzene		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	Carbon Tetrachloride		ug/m3	U	1.24
SG 7	BK43843	TO15	12/24/15	5	2-Hexanone(MBK)		ug/m3	U	4.99
SG 7	BK43843	TO15	12/24/15	5	4-Ethyltoluene		ug/m3	U	5.01
SG 7	BK43843	TO15	12/24/15	5	1,1,1,2-Tetrachloroethane		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	Chloroform		ug/m3	U	4.98
SG 7	BK43843	TO15	12/24/15	5	Benzene		ug/m3	U	5.01
SG 7	BK43843	TO15	12/24/15	5	1,1,1-Trichloroethane		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	Bromomethane		ug/m3	U	5.01
SG 7	BK43843	TO15	12/24/15	5	Chloromethane		ug/m3	U	4.99
SG 7	BK43843	TO15	12/24/15	5	Chloroethane	7.17	ug/m3	J	5.01
SG 7	BK43843	TO15	12/24/15	5	Vinyl Chloride		ug/m3	U	1.25
SG 7	BK43843	TO15	12/24/15	5	Methylene Chloride		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	Carbon Disulfide	29.4	ug/m3	J	5.01
SG 7	BK43843	TO15	12/24/15	5	Bromoform		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	Bromodichloromethane		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	1,1-Dichloroethane		ug/m3	U	5.02
SG 7	BK43843	TO15	12/24/15	5	1,1-Dichloroethene		ug/m3	U	4.99
SG 7	BK43843	TO15	12/24/15	5	Trichlorofluoromethane	30.9	ug/m3	J	5.00
SG 7	BK43843	TO15	12/24/15	5	Dichlorodifluoromethane		ug/m3	U	4.99
SG 7	BK43843	TO15	12/24/15	5	Trichlorotrifluoroethane		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	1,2-Dichlorotetrafluoroethane		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	1,2-dichloropropane		ug/m3	U	4.99
SG 4	BK43839	TO15	12/23/15	1	Methyl Ethyl Ketone	11.1	ug/m3	J	1.00
SG 7	BK43843	TO15	12/24/15	5	1,1,2-Trichloroethane		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	Trichloroethene	38.0	ug/m3	J	1.25
SG 7	BK43843	TO15	12/24/15	5	1,1,2,2-Tetrachloroethane		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	Hexachlorobutadiene		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	o-Xylene		ug/m3	U	4.99
SG 7	BK43843	TO15	12/24/15	5	1,2-Dichlorobenzene		ug/m3	U	5.00
SG 7	BK43843	TO15	12/24/15	5	1,2,4-Trimethylbenzene		ug/m3	U	5.01
SG 7	BK43843	TO15	12/24/15	5	Isopropylbenzene		ug/m3	U	5.01
SG 7	BK43843	TO15	12/24/15	5	4-Isopropyltoluene		ug/m3	U	5.00
SG 2	BK43844	TO15	12/24/15	1	Ethylbenzene	1.30	ug/m3		1.00
SG 2	BK43844	TO15	12/24/15	1	Styrene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Benzyl chloride		ug/m3	U	1.00



**65 ECKFORD STREET
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG 2	BK43844	TO15	12/24/15	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	n-Butylbenzene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	1,3-Butadiene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	1,2-Dichloroethane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Acrylonitrile		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Toluene	7.65	ug/m3		1.00
SG 2	BK43844	TO15	12/24/15	1	Chlorobenzene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Hexane	46.5	ug/m3		1.00
SG 2	BK43844	TO15	12/24/15	1	Cyclohexane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	1,4-Dioxane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Dibromochloromethane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Tetrachloroethene	0.72	ug/m3		0.25
SG 2	BK43844	TO15	12/24/15	1	sec-Butylbenzene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	m,p-Xylene	4.13	ug/m3		1.00
SG 2	BK43844	TO15	12/24/15	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Carbon Tetrachloride		ug/m3	U	0.25
SG 2	BK43844	TO15	12/24/15	1	2-Hexanone(MBK)		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	4-Ethyltoluene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Chloroform		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Benzene	2.29	ug/m3		1.00
SG 2	BK43844	TO15	12/24/15	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Bromomethane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Chloromethane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Chloroethane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Vinyl Chloride	7.43	ug/m3		0.25
SG 2	BK43844	TO15	12/24/15	1	Methylene Chloride	1.07	ug/m3		1.00
SG 2	BK43844	TO15	12/24/15	1	Carbon Disulfide	2.30	ug/m3		1.00
SG 2	BK43844	TO15	12/24/15	1	Bromoform		ug/m3	U	1.00



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG 2	BK43844	TO15	12/24/15	1	Bromodichloromethane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	1,1-Dichloroethane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	1,1-Dichloroethene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Trichlorofluoromethane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Dichlorodifluoromethane	128	ug/m3		1.00
SG 2	BK43844	TO15	12/24/15	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	1,2-dichloropropane		ug/m3	U	1.00
SG 6	BK43840	TO15	12/23/15	1	Methyl Ethyl Ketone	9.40	ug/m3	J	1.00
SG 2	BK43844	TO15	12/24/15	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Trichloroethene	4.04	ug/m3	J	0.25
SG 2	BK43844	TO15	12/24/15	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	Hexachlorobutadiene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	o-Xylene	1.15	ug/m3		1.00
SG 2	BK43844	TO15	12/24/15	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	1,2,4-Trimethylbenzene	1.24	ug/m3		1.00
SG 2	BK43844	TO15	12/24/15	1	Isopropylbenzene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	4-Isopropyltoluene		ug/m3	U	1.00
SG 2	BK43844	TO15	12/24/15	1	4-Methyl-2-pentanone(MIBK)		ug/m3	UJ	1.00
SG 2	BK43844	TO15	12/24/15	1	Tetrahydrofuran		ug/m3	UJ	1.00
SG 2	BK43844	TO15	12/24/15	1	Ethyl acetate		ug/m3	UJ	1.00
SG 2	BK43844	TO15	12/24/15	1	Heptane	16.2	ug/m3	J	1.00
SG 2	BK43844	TO15	12/24/15	10	Propylene	160	ug/m3	J	10.0
SG 1	BK43841	TO15	12/23/15	1	Methyl Ethyl Ketone	13.9	ug/m3		1.00
SG 3	BK43842	TO15	12/24/15	1	Methyl Ethyl Ketone	2.88	ug/m3	UJ	1.00
SG 2	BK43844	TO15	12/24/15	1	Isopropylalcohol	7.17	ug/m3	J	1.00
SG 5	BK43845	TO15	12/24/15	3	Ethylbenzene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Styrene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Benzyl chloride		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	cis-1,3-Dichloropropene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	trans-1,3-Dichloropropene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	n-Butylbenzene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	1,4-Dichlorobenzene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	1,2-Dibromoethane(EDB)		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	1,3-Butadiene		ug/m3	U	3.01
SG 5	BK43845	TO15	12/24/15	3	1,2-Dichloroethane		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Acrylonitrile		ug/m3	U	2.99



**65 ECKFORD STREET
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG 5	BK43845	TO15	12/24/15	3	1,3,5-Trimethylbenzene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Toluene	18.4	ug/m3	J	3.00
SG 5	BK43845	TO15	12/24/15	3	Chlorobenzene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	1,2,4-Trichlorobenzene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	1,4-Dioxane		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Dibromochloromethane		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Tetrachloroethene	2.77	ug/m3	J	0.75
SG 5	BK43845	TO15	12/24/15	3	sec-Butylbenzene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Cis-1,2-Dichloroethene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Trans-1,2-Dichloroethene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Methyl tert-butyl ether(MTBE)		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	m,p-Xylene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	1,3-Dichlorobenzene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Carbon Tetrachloride		ug/m3	U	0.75
SG 5	BK43845	TO15	12/24/15	3	2-Hexanone(MBK)		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	4-Ethyltoluene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	1,1,1,2-Tetrachloroethane		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Chloroform		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Benzene	19.8	ug/m3	J	3.00
SG 5	BK43845	TO15	12/24/15	3	1,1,1-Trichloroethane		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Bromomethane		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Chloromethane		ug/m3	U	2.99
SG 5	BK43845	TO15	12/24/15	3	Chloroethane		ug/m3	U	3.01
SG 5	BK43845	TO15	12/24/15	3	Vinyl Chloride	107	ug/m3	J	0.75
SG 5	BK43845	TO15	12/24/15	3	Methylene Chloride		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Carbon Disulfide	79.7	ug/m3	J	3.00
SG 5	BK43845	TO15	12/24/15	3	Bromoform		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Bromodichloromethane		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	1,1-Dichloroethane		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	1,1-Dichloroethene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Trichlorofluoromethane		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Dichlorodifluoromethane		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Trichlorotrifluoroethane		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	1,2-Dichlorotetrafluoroethane		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	1,2-dichloropropane		ug/m3	U	3.00
SG 7	BK43843	TO15	12/24/15	5	Methyl Ethyl Ketone	5.36	ug/m3	UJ	5.01
SG 5	BK43845	TO15	12/24/15	3	1,1,2-Trichloroethane		ug/m3	U	3.00



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG 5	BK43845	TO15	12/24/15	3	Trichloroethene	69.3	ug/m3	J	0.75
SG 5	BK43845	TO15	12/24/15	3	1,1,2,2-Tetrachloroethane		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Hexachlorobutadiene		ug/m3	U	3.01
SG 5	BK43845	TO15	12/24/15	3	o-Xylene	10.6	ug/m3	J	3.00
SG 5	BK43845	TO15	12/24/15	3	1,2-Dichlorobenzene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	1,2,4-Trimethylbenzene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	Isopropylbenzene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	3	4-Isopropyltoluene		ug/m3	U	3.00
SG 5	BK43845	TO15	12/24/15	30	Hexane	842	ug/m3	J	30.0
SG 5	BK43845	TO15	12/24/15	30	Cyclohexane	464	ug/m3	J	30.0
SG 5	BK43845	TO15	12/24/15	3	4-Methyl-2-pentanone(MIBK)		ug/m3	UJ	3.00
SG 5	BK43845	TO15	12/24/15	3	Tetrahydrofuran		ug/m3	UJ	3.01
SG 5	BK43845	TO15	12/24/15	3	Ethyl acetate		ug/m3	UJ	3.00
SG 5	BK43845	TO15	12/24/15	3	Heptane	300	ug/m3	J	3.00
SG 2	BK43844	TO15	12/24/15	1	Methyl Ethyl Ketone	14.2	ug/m3		1.00
SG 5	BK43845	TO15	12/24/15	30	Propylene	1320	ug/m3	J	29.9
SG 5	BK43845	TO15	12/24/15	3	Methyl Ethyl Ketone		ug/m3	U	3.01
SG 5	BK43845	TO15	12/24/15	3	Isopropylalcohol	3.39	ug/m3	J	3.00

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-022
SDG #: GBK41655
Client: Environmental Business Consultants
Date: 2/16/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for nine (9) 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 12/16/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/18/2015 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
15 SB1 11-13	BK41655	12/16/15	SVO	Soil	
15 SB3 11-13	BK41656	12/16/15	SVO	Soil	
15 SB5 11-13	BK41657	12/16/15	SVO	Soil	
15 SB1 2-4	BK41660	12/16/15	SVO	Soil	
15 SB3 2-4	BK41661	12/16/15	SVO	Soil	
15 SB5 2-4	BK41662	12/16/15	SVO	Soil	
15 SB1 18-20	BK41663	12/16/15	SVO	Soil	
15 SB3 18-20	BK41664	12/16/15	SVO	Soil	
15 SB5 22-24	BK41665	12/16/15	SVO	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 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 12/17/2015 (CHEM19) exhibited acceptable %RSDs ($\leq 40.0\%$) 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 12/18/2015 @ 23:04 (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.
2. CCV analyzed on 12/19/2015 @ 10:21 (CHEM19) exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$ with the following exception(s):

Compound	%D
Hexachlorocyclopentadiene	59.5
2,4-Dinitrophenol ⁽¹⁾	87.7
4,6-Dinitro-2-methylphenol	71.0

- (1) Results were qualified due to low LCS recovery.

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB5 2-4	BK41662	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB1 11-13	BK41655	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R

3. CCV analyzed on 12/21/2015 @ 08:54 (CHEM19) exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$ with the following exception(s):

Compound	%D
Bis(2-chloroisopropyl)ether	-25.8

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB3 11-13	BK41656	Bis(2-chloroisopropyl)ether	UJ
15 SB5 11-13	BK41657	Bis(2-chloroisopropyl)ether	UJ
15 SB1 2-4	BK41660	Bis(2-chloroisopropyl)ether	UJ
15 SB3 2-4	BK41661	Bis(2-chloroisopropyl)ether	UJ
15 SB5 2-4	BK41662	Bis(2-chloroisopropyl)ether	UJ
15 SB1 18-20	BK41663	Bis(2-chloroisopropyl)ether	UJ
15 SB3 18-20	BK41664	Bis(2-chloroisopropyl)ether	UJ
15 SB5 22-24	BK41665	Bis(2-chloroisopropyl)ether	UJ

4. CCV analyzed on 12/21/2015 @ 20:17 (CHEM19) exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$ with the following exception(s):

Compound	%D
Hexachlorocyclopentadiene	63.7

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB3 11-13	BK41656	Hexachlorocyclopentadiene	UJ
15 SB5 11-13	BK41657	Hexachlorocyclopentadiene	UJ
15 SB1 2-4	BK41660	Hexachlorocyclopentadiene	UJ
15 SB3 2-4	BK41661	Hexachlorocyclopentadiene	UJ
15 SB5 2-4	BK41662	Hexachlorocyclopentadiene	UJ
15 SB1 18-20	BK41663	Hexachlorocyclopentadiene	UJ
15 SB3 18-20	BK41664	Hexachlorocyclopentadiene	UJ
15 SB5 22-24	BK41665	Hexachlorocyclopentadiene	UJ

Surrogates:

1. Surrogate %REC values were within the QC acceptance limits with the following exception(s):

Client Sample ID	Laboratory Sample ID	Surrogate	Compound	Action
15 SB3 18-20	BK41664	2-Fluorophenol (25.8 %) 2-Fluorobiphenyl (29.1%)	2,4-Dinitrophenol, N-Nitrosodimethylamine, Pyridine, 2-Chloronaphthalene, 4-Nitroaniline, Dimethylphthalate, 2,6-Dinitrotoluene, Acenaphthylene, 3-Nitroaniline, Acenaphthene, Dibenzofuran, 2,4-Dinitrotoluene, 4-Nitrophenol, Diethyl phthalate, Fluorene, 4-Chlorophenyl phenyl Ether, 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine, Azobenzene	R ⁽¹⁾ UJ
15 SB5 11-13	BK41657	2-Fluorophenol (19.9 %)	N-Nitrosodimethylamine, Pyridine	UJ
15 SB3 2-4	BK41661	2-Fluorophenol (20.5 %)	N-Nitrosodimethylamine, Pyridine	UJ

(1) Results were qualified due to low LCS recovery.

Internal Standard (IS) Area Performance:

1. 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):

1. Method Blank (BK41665 BLANK) associated with the soil samples extracted on 12/18/2015 and analyzed on 12/21/2015 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: BK41665 were analyzed on 12/21/2015. All %RECs/RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Benzoic Acid	0/0/NC	15 SB1 11-13, 15 SB3 11-13, 15 SB5 11-13, 15 SB1 2-4, 15 SB3 2-4, 15 SB5 2-4, 15 SB1 18-20, 15 SB3 18-20, 15 SB5 22-24	R
2,4-Dinitrophenol	5/0/NC	15 SB1 11-13, 15 SB3 11-13, 15 SB5 11-13, 15 SB1 2-4, 15 SB3 2-4, 15 SB5 2-4, 15 SB1 18-20, 15 SB3 18-20, 15 SB5 22-24	R
4,6-Dinitro-2-methylphenol	27/22/A	15 SB1 11-13, 15 SB3 11-13, 15 SB5 11-13, 15 SB1 2-4, 15 SB3 2-4, 15 SB5 2-4, 15 SB1 18-20, 15 SB3 18-20, 15 SB5 22-24	UJ ⁽¹⁾
Pentachlorophenol	A/A/35.9	15 SB1 11-13, 15 SB3 11-13, 15 SB5 11-13, 15 SB1 2-4, 15 SB3 2-4, 15 SB5 2-4, 15 SB1 18-20, 15 SB3 18-20, 15 SB5 22-24	UJ
Benzidine	A/A/43.0	15 SB1 11-13, 15 SB3 11-13, 15 SB5 11-13, 15 SB1 2-4, 15 SB3 2-4, 15 SB5 2-4, 15 SB1 18-20, 15 SB3 18-20, 15 SB5 22-24	UJ

A= Acceptable

(1) Some results for this compound were qualified previously due to CCV criteria.

Field Duplicate:

1. A field duplicate pair was not submitted with this SDG.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) were performed on sample 15 SB5 22-24 (BK41665). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R	Action
Benzoic Acid	24	R ⁽¹⁾
Hexachlorocyclopentadiene	16	UJ
Benzidine	17	UJ ⁽¹⁾

(1) Results were qualified due to low LCS recovery.

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 >30%. 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: LCS (BK41665)

Pyrene

Sample weight = 15g

Volume purged = 1.0ml

DF = 1
%Solids=NA

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{797336 \times 40 \times 1 \times 1000}{653287 \times 1.277 \times 15} = 2548.679 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Pyrene	2548	2548	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: GBK41655.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK41655.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-022
SDG #: GBK41655
Client: Environmental Business Consultants
Date: 02/16/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for nine (9) 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 12/16/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/18/2015 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
15 SB1 11-13	BK41655	12/16/15	VOC	Soil	
15 SB3 11-13	BK41656	12/16/15	VOC	Soil	
15 SB5 11-13	BK41657	12/16/15	VOC	Soil	
Trip Blank High	BK41658	12/16/15	VOC	Soil	Trip Blank
Trip Blank Low	BK41659	12/16/15	VOC	Soil	Trip Blank
15 SB1 2-4	BK41660	12/16/15	VOC	Soil	
15 SB3 2-4	BK41661	12/16/15	VOC	Soil	
15 SB5 2-4	BK41662	12/16/15	VOC	Soil	
15 SB1 18-20	BK41663	12/16/15	VOC	Soil	
15 SB3 18-20	BK41664	12/16/15	VOC	Soil	
15 SB5 22-24	BK41665	12/16/15	VOC	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 12/16/2015 (Chem03) 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
Acetone	A	26.6
Acrolein	0.033	A
Naphthalene	A	20.1

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB3 11-13	BK41656	Acetone Acrolein, Naphthalene	J UJ
15 SB1 2-4 HL	BK41660	Acrolein, Acetone, Naphthalene	UJ
15 SB5 2-4 HL	BK41662	Acrolein, Acetone, Naphthalene	UJ None
15 SB5 2-4 LL	BK41662	Acrolein, Acetone, Naphthalene	None UJ
15 SB1 18-20	BK41663	Acetone, Acrolein, Naphthalene	J UJ
15 SB3 18-20 HL	BK41664	Acetone, Acrolein, Naphthalene	J UJ

2. Initial calibration curve analyzed on 12/20/2015 (Chem03) 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
Acetone	A	24.7

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB1 11-13 (1000x)	BK41655	Acetone	J
15 SB5 11-13 (1000x)	BK41657	Acetone	UJ
Trip Blank High	BK41658	Acetone	J
Trip Blank Low	BK41659	Acetone	UJ
15 SB1 2-4 LL	BK41660	Acetone	UJ
15 SB3 2-4 HL	BK41661	Acetone	None
15 SB3 2-4 LL	BK41661	Acetone	UJ
15 SB3 18-20 LL	BK41664	Acetone	J
15 SB5 22-24	BK41665	Acetone	J

Continuing Calibration Verification (CCV):

1. CCV analyzed on 12/18/2015 @ 20:38 (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	%D
Bromomethane	39.0
2-Chlorotoluene	37.8

A= Acceptable

(1) Results for these compounds were previously qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB3 11-13	BK41656	Bromomethane, 2-Chlorotoluene	UJ
15 SB1 2-4 HL	BK41660	Bromomethane, 2-Chlorotoluene	UJ
15 SB5 2-4 HL	BK41662	2-Chlorotoluene	UJ
15 SB5 2-4 LL	BK41662	Bromomethane	UJ
15 SB1 18-20	BK41663	Bromomethane, 2-Chlorotoluene	UJ
15 SB3 18-20 HL	BK41664	2-Chlorotoluene	UJ

2. CCV analyzed on 12/19/2015 @ 08:07 (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	%D
Chloromethane	23.7
Bromomethane	27.6
Acrolein	-29.2
2-Chlorotoluene	28.7
n-Butylbenzene	20.8

A= Acceptable

(1) Results for these compounds were previously qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB3 11-13	BK41656	Chloromethane, Bromomethane, 2-Chlorotoluene, Acrolein, n-Butylbenzene	UJ
15 SB1 2-4 HL	BK41660	Chloromethane, Bromomethane, 2-Chlorotoluene, Acrolein, n-Butylbenzene	UJ

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB5 2-4 HL	BK41662	2-Chlorotoluene,n-Butylbenzene	UJ
15 SB5 2-4 LL	BK41662	Chloromethane, Bromomethane, Acrolein	UJ
15 SB1 18-20	BK41663	Chloromethane, Bromomethane, 2-Chlorotoluene, Acrolein, n-Butylbenzene	UJ
15 SB3 18-20 HL	BK41664	2-Chlorotoluene,n-Butylbenzene	UJ

- CCV analyzed on 12/21/2015 @ 08:16 (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 12/21/2015 @ 18:31 (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	%D
Dichlorodifluoromethane	33.0
Chloromethane	32.6
Vinyl Chloride	26.8
1,1-Dichloroethene	20.2
Carbon Disulfide	22.5
Methylene Chloride	26.5
Acetone	33.3
Methyl t-Butyl Ether	23.5
1,1-Dichloroethane	21.2
Acrylonitrile	25.5
Tetrahydrofuran	24.8
Methyl Ethyl Ketone	33.3
1,2,4-Trichlorobenzene	37.8
Naphthalene	25.8
1,2,3-Trichlorobenzene	40.1

A= Acceptable

(1) Results for these compounds were previously qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB1 11-13 (1000x)	BK41655	Dichlorodifluoromethane, Chloromethane, Vinyl Chloride, 1,1-Dichloroethene, Carbon Disulfide, Methylene Chloride, Methyl t-Butyl Ether, 1,1-Dichloroethane, Acrylonitrile, Tetrahydrofuran,	UJ UJ UJ UJ

Client Sample ID	Laboratory Sample ID	Compound	Action
		Methyl Ethyl Ketone, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene Acetone	UJ UJ J
15 SB5 11-13 (1000x)	BK41657	Dichlorodifluoromethane, Chloromethane, Vinyl Chloride, 1,1-Dichloroethene, Carbon Disulfide, Methylene Chloride, Methyl t-Butyl Ether, 1,1-Dichloroethane, Acrylonitrile, Tetrahydrofuran, Methyl Ethyl Ketone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene, Acetone Naphthalene	UJ UJ UJ UJ UJ J
Trip Blank High	BK41658	Dichlorodifluoromethane, Chloromethane, Vinyl Chloride, 1,1-Dichloroethene, Carbon Disulfide, Methylene Chloride, Methyl t-Butyl Ether, 1,1-Dichloroethane, Acrylonitrile, Tetrahydrofuran, Methyl Ethyl Ketone, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene Acetone	UJ UJ UJ UJ UJ J
Trip Blank Low	BK41659	Dichlorodifluoromethane, Chloromethane, Vinyl Chloride, 1,1-Dichloroethene, Carbon Disulfide, Methylene Chloride, Methyl t-Butyl Ether, 1,1-Dichloroethane, Acrylonitrile, Tetrahydrofuran, Methyl Ethyl Ketone, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene Acetone	UJ UJ UJ UJ UJ UJ
15 SB1 2-4 LL	BK41660	Dichlorodifluoromethane, Chloromethane, Vinyl Chloride, 1,1-Dichloroethene, Carbon Disulfide, Methylene Chloride, Methyl t-Butyl Ether, 1,1-Dichloroethane, Acrylonitrile, Tetrahydrofuran, Methyl Ethyl Ketone, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene Acetone	UJ UJ UJ UJ UJ UJ
15 SB3 2-4 HL	BK41661	1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene	UJ UJ
15 SB3 2-4 LL	BK41661	Dichlorodifluoromethane, Chloromethane, Vinyl Chloride, 1,1-Dichloroethene, Carbon Disulfide, Methylene Chloride, Methyl t-Butyl Ether, 1,1-Dichloroethane, Acrylonitrile, Tetrahydrofuran, Methyl Ethyl Ketone, Acetone	UJ UJ UJ UJ UJ
15 SB3 18-20 LL	BK41664	Dichlorodifluoromethane, Chloromethane, Vinyl Chloride, 1,1-Dichloroethene, Carbon Disulfide, Methylene Chloride, Acetone 1,1-Dichloroethane, Acrylonitrile, Tetrahydrofuran, Methyl Ethyl Ketone, Methyl t-Butyl Ether,	UJ UJ UJ UJ J

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB5 22-24	BK41665	Dichlorodifluoromethane, Chloromethane, Vinyl Chloride, 1,1-Dichloroethene, Methylene Chloride, Methyl t-Butyl Ether, 1,1-Dichloroethane, Acrylonitrile, Tetrahydrofuran, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene Acetone, Carbon Disulfide, Methyl Ethyl Ketone,	UJ UJ UJ UJ UJ UJ J

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	Compound	Action
15 SB5 11-13	BK41657	BFB* (148%)	Positive hits – J Non-detects – None	J

* BFB = Bromofluorobenzene

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all three internal standards within the QC limits with the following exception(s):

Client Sample ID	Laboratory Sample ID	IS	Compound	Action
15 SB3 2-4 LL	BK41661	1,4-Dichlorobenzene-d4 (low)	Isopropylbenzene bromobenzene, n-propylbenzene 1,1,2,2-tetrachloroethane, 2-chlorotoluene 1,3,5-trimethylbenzene, 1,2,3-trichloropropane Trans-1,4-dichloro-2-butene 4-chlorotoluene, tert-butylbenzene 1,2,4-trimethylbenzene, sec-butylbenzene p-Isopropyltoluene, 1,3-dichlorobenzene 1,4-dichlorobenzene, 2-isopropyltoluene n-butylbenzene, 1,2-dichlorobenzene 1,2-dibromo-3-chloropropane Hexachlorobutadiene, 1,2,4-trichlorobenzene Naphthalene, 1,2,3-trichlorobenzene	UJ

Client Sample ID	Laboratory Sample ID	IS	Compound	Action
15 SB3 18-20 LL	BK41664	1,4-Dichlorobenzene-d4 (low)	Isopropylbenzene bromobenzene, n-propylbenzene 1,1,2,2-tetrachloroethane, 2-chlorotoluene 1,3,5-trimethylbenzene, 1,2,3-trichloropropane Trans-1,4-dichloro-2-butene 4-chlorotoluene, tert-butylbenzene 1,2,4-trimethylbenzene, p-Isopropyltoluene, 1,3-dichlorobenzene 1,4-dichlorobenzene, 2-isopropyltoluene n-butylbenzene, 1,2-dichlorobenzene 1,2-dibromo-3-chloropropane Hexachlorobutadiene, 1,2,4-trichlorobenzene Naphthalene, 1,2,3-trichlorobenzene sec-butylbenzene	UJ UJ UJ UJ UJ UJ UJ UJ UJ UJ UJ UJ
15 SB5 2-4 LL	BK41662	1,4-Dichlorobenzene-d4 (low) Chlorobenzene-d5 (low)	Isopropylbenzene bromobenzene, n-propylbenzene 1,1,2,2-tetrachloroethane, 2-chlorotoluene 1,3,5-trimethylbenzene, 1,2,3-trichloropropane Trans-1,4-dichloro-2-butene 4-chlorotoluene, tert-butylbenzene 1,2,4-trimethylbenzene, sec-butylbenzene p-Isopropyltoluene, 1,3-dichlorobenzene 1,4-dichlorobenzene, 2-isopropyltoluene n-butylbenzene, 1,2-dichlorobenzene 1,2-dibromo-3-chloropropane Hexachlorobutadiene, 1,2,4-trichlorobenzene Naphthalene, 1,2,3-trichlorobenzene, Dibromochloromethane, 1,3-Dichloropropane, 1,2-Dibromoethane, 2-Hexanone, Chlorobenzene, Ethylbenzene, 1,1,1,2-Tetrachloroethane, m&p-xylene, o-xylene, styrene, bromoform	UJ
15 SB1 18-20	BK41663	1,4-Dichlorobenzene-d4 (low) 1,4-Difluorobenzene (low) Chlorobenzene-d5 (low) Pentafluorobenzene (low)	All compounds with the exception of 1,4-dioxane: All non-detects – UJ All detects - J	UJ/J

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BK40994 Blank) analyzed on 12/21/2015 was free of contamination. No qualifications were required.
2. Method Blank (BK41661 Blank) analyzed on 12/18/2015 was free of contamination with the following exception(s):

Laboratory Sample ID	Compound	Results (µg/Kg)	Action Level (2x CRQL) (µg/Kg)	Sample Affected	Action
METHOD BLANK BK41661	Acetone	6.4	20	15 SB1 11-13 (1000x), 15 SB5 11-13 (1000x), Trip Blank High, Trip Blank Low, 15 SB1 2-4, 15 SB3 2-4 (50x), 15 SB3 2-4, 15 SB3 18-20, 15 SB5 22-24	None None None U U None U None None

3. Trip Blank Hi (BK41658) analyzed on 12/19/2015 contained acetone (310 ug/kg). The associated samples were non-detect or >10X the contamination for acetone. No qualifications were required.
4. Trip Blank Lo (BK41659 Blank) analyzed on 05/06/2015 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: BK40994 were analyzed on 12/21/2015. 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: BK41661 were analyzed on 12/18/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Acrolein	149/156/A	15 SB1 11-13, 15 SB3 11-13, 15 SB5 11-13, 15 SB1 2-4, 15 SB3 2-4, 15 SB5 2-4, 15 SB1 18-20, 15 SB3 18-20, 15 SB5 22-24	None

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 performed on sample 15 SB3 2-4 (BK41661). All %RECs/RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Action
Bromomethane	45/53/A	UJ
Chloroethane	41/41/A	UJ
Trichlorofluoromethane	30/31/A	UJ
Acetone	132/133/A	None

A= Acceptable

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 >30%. No qualifications were required.
3. Manual Calculation:
$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, } \mu\text{L})(V)(\% \text{Solids})}$$

Cx = concentration of analyte as ug/kg
 Ax = Area of the characteristic ion for the compound to be measured, counts.
 Ais = Area of the characteristic ion for the specific internal standard, counts.
 IS = Concentration of the internal standard spiking mixture, ng
 RRF= Mean relative response factor from the initial calibration.
 DF = Dilution factor calculated. If no dilution is performed, DF= 1
 V= Volume for liquids in ml, weight for soils/solids in grams.
 VE= final volume of concentrated extract

Sample: 15 SB3 11-13 (BK41656)

Methyl t-Butyl Ether

Sample weight: 5.3g
 Final volume: 5ml
 %Solids: 76%
 Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{3888 \times 50 \times 5\text{ml} \times 1}{172224 \times 1.122 \times 5.3\text{g} \times 0.76} = 1.248\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Methyl t-Butyl Ether	1.2	1.2	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: GBK41655.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK41655.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-022
SDG #: GBK41655
Client: Environmental Business Consultants
Date: 02/16/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for six (6) 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 12/16/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/18/2015 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
15 SB1 2-4	BK41660	12/16/15	Pesticides	Soil	
15 SB3 2-4	BK41661	12/16/15	Pesticides	Soil	
15 SB5 2-4	BK41662	12/16/15	Pesticides	Soil	
15 SB1 18-20	BK41663	12/16/15	Pesticides	Soil	
15 SB3 18-20	BK41664	12/16/15	Pesticides	Soil	
15 SB5 22-24	BK41665	12/16/15	Pesticides	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 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 12/21/2015 (ECD13) exhibited acceptable %RSD (20%, [25% for alpha-BHC and delta-BHC, 30% for Toxaphene]) on both columns. No qualifications were required.

Results were reported from column A.

2. Initial calibration curve analyzed on 12/19/2015 (ECD35) exhibited acceptable %RSD (20%, [25% for alpha-BHC and delta-BHC, 30% for Toxaphene]) on both columns. No qualifications were required.

Results were reported from column A.

- Initial calibration curve analyzed on 12/21/2015 (ECD4) exhibited acceptable %RSD (20%, [25% for alpha-BHC and delta-BHC, 30% for Toxaphene]) on both columns. No qualifications were required.

Results were reported from column A.

Continuing Calibration Verification (CCV):

- All CCVs analyzed on 12/19, 20, & 23/2015 exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds with the following exception(s):

Instrument ID: ECD 35: 12/20/15; 0:36

Compound	Column	%D
4,4'-DDD	B	22
Alpha-Chlordane	A	26

Sample results were reported from the A Column.

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB1 2-4	BK41660	Alpha-Chlordane	UJ
15 SB3 2-4	BK41661	Alpha-Chlordane	UJ
15 SB1 18-20	BK41663	Alpha-Chlordane	UJ
15 SB5 22-24	BK41665	Alpha-Chlordane	UJ

Instrument ID: ECD 35: 12/20/2015; 09:20

Compound	Column	%D
4,4'-DDT	A	26
4,4'-DDT	B	24
Methoxychlor	A	30
Methoxychlor	B	30

Sample results were reported from the A Column.

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB1 2-4	BK41660	4,4'-DDT, Methoxychlor	UJ
15 SB3 2-4	BK41661	4,4'-DDT, Methoxychlor	UJ
15 SB1 18-20	BK41663	4,4'-DDT, Methoxychlor	UJ
15 SB5 22-24	BK41665	4,4'-DDT, Methoxychlor	UJ

Instrument ID: ECD 4: 12/23/2015; 14:44

Compound	Column	%D
Endosulfan I	A	22

Sample results were reported from the A Column.

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB3 18-20	BK41664	Endosulfan I	UJ

Surrogates:

1. All surrogates %RECs values for all soil samples were within the laboratory control limits (30%-150%). 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 (BK41633 BL) associated with the soil samples extracted on 12/18/2015 and analyzed on 12/19/2015 was free of contamination. No qualifications were required.
2. Method Blank (BK41665 BL) associated with the soil samples extracted on 12/18/2015 and analyzed on 12/19/2015 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample associated with ID: BK41633 LCS was analyzed on 12/19/2015. All %RECs were within the laboratory control limits. No qualifications were required.
2. Laboratory Control Sample associated with ID: BK41665 LCS was analyzed on 12/19/2015. 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.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 SB5 22-24 (BK41665). All %RECs/RPDs were within the laboratory 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:

BK41633 LCS

Alpha-Chlordane

On Column concentration (B) = 45.1492ng

Sample Weight= 15.0g

DF = 2

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{45.1492\text{ng} \times 5\text{ml} \times 2}{15.0\text{g}} = 30.099\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Alpha-Chlordane	30.1	30.1	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: GBK41655.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK41655.

DATA USABILITY SUMMARY REPORT (DUSR)
ORGANOPHOSPHATE PESTICIDES
USEPA Region II –Data Validation

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-022
SDG #: GBK41655
Client: Environmental Business Consultants
Date: 02/16/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for six (6) soil samples analyzed for Organophosphate Pesticides by SW-846 Method 8141A in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 12/16/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/18/2015 for analysis.
3. The USEPA Region-II SOP HW-36, Revision 4, May 2013, Validating Pesticide compounds by Gas Chromatography, SW-846 Method 8081B and USEPA Contract Laboratory Program, National Functional Guidelines for Superfund Organic Methods Data Review, January 2005 were used in evaluating the Organophosphate 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
15 SB1 2-4	BK41660	12/16/15	Organophosphate Pesticides	Soil	
15 SB3 2-4	BK41661	12/16/15	Organophosphate Pesticides	Soil	
15 SB5 2-4	BK41662	12/16/15	Organophosphate Pesticides	Soil	
15 SB1 18-20	BK41663	12/16/15	Organophosphate Pesticides	Soil	
15 SB3 18-20	BK41664	12/16/15	Organophosphate Pesticides	Soil	
15 SB5 22-24	BK41665	12/16/15	Organophosphate Pesticides	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 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 12/29/2015 (NPD) exhibited acceptable %RSD. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 12/29-30/2015 exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds with the following exception(s):

Instrument ID: NPD: 12/29/2015; 22:27

Compound	%D
Azinphos Methyl	68

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB1 18-20	BK41663	Azinphos Methyl	UJ
15 SB3 18-20	BK41664	Azinphos Methyl	UJ
15 SB5 22-24	BK41665	Azinphos Methyl	UJ

Instrument ID: NPD: 12/30/2015; 0:48

Compound	%D
Azinphos Methyl	104

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB1 18-20	BK41663	Azinphos Methyl	UJ
15 SB3 18-20	BK41664	Azinphos Methyl	UJ
15 SB5 22-24	BK41665	Azinphos Methyl	UJ

Surrogates:

1. All surrogates %RECs values for all soil samples were within the laboratory control limits (30%-150%). 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 (BK41662 BL) associated with the soil samples extracted on 12/18/2015 and analyzed on 12/29/2015 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample associated with ID: BK41662 LCS was analyzed on 12/29/2015. 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.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 SB5 (BK41662). All %RECs/RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Action
Azinphos Methyl	A/194/41.7	UJ

A= Acceptable

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:

BK41662 LCS

Simazine

On Column concentration (B) = 467.192ng

Sample Weight= 15.0g

DF = 1

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{467.192\text{ng} \times 5\text{ml} \times 1}{15.0\text{g}} = 155.7306\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Simazine	156	156	0.0

Comments:

1. Organophosphate 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: GBK41655.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK41655.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-022
SDG #: GBK41655
Client: Environmental Business Consultants
Date: 02/16/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for six (6) soil samples analyzed for Herbicides by SW-846 Method 8151A in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 12/16/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/18/2015 for analysis.
3. The USEPA Contract Laboratory Program, National Functional Guidelines for Superfund Organic Methods Data Review, January 2005 was used in evaluating the Herbicides 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
15 SB1 2-4	BK41660	12/16/15	Herbicides	Soil	
15 SB3 2-4	BK41661	12/16/15	Herbicides	Soil	
15 SB5 2-4	BK41662	12/16/15	Herbicides	Soil	
15 SB1 18-20	BK41663	12/16/15	Herbicides	Soil	
15 SB3 18-20	BK41664	12/16/15	Herbicides	Soil	
15 SB5 22-24	BK41665	12/16/15	Herbicides	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 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 12/21/2015 (ECD7) exhibited acceptable %RSD on both columns. No qualifications were required.

Results were reported from column A.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 12/21/2015 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 (30%-150%). 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 (BK41660 BL) associated with the soil samples extracted on 12/18/2015 and analyzed on 12/21/2015 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample associated with ID: BK41660 LCS was analyzed on 12/21/2015. All %RECs were within the laboratory control limits (30-150%). 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 performed on sample 15 SB1 2-4 (BK41660). All %RECs/RPDs were within the laboratory 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:

BK41660 LCS

2,4,5-T

On Column concentration (B) = 18.804ng

Sample Weight= 30.0g

DF = 5

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{18.804\text{ng} \times 5\text{ml} \times 5}{30.0\text{g}} = 15.67\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
2,4,5-T	15.7	15.7	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: GBK41655.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK41655.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-022
SDG #: GBK41655
Client: Environmental Business Consultants
Date: 02/17/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for six (6) 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 12/16/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/18/2015 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
15 SB1 2-4	BK41660	12/16/15	PCBs	Soil	
15 SB3 2-4	BK41661	12/16/15	PCBs	Soil	
15 SB5 2-4	BK41662	12/16/15	PCBs	Soil	
15 SB1 18-20	BK41663	12/16/15	PCBs	Soil	
15 SB3 18-20	BK41664	12/16/15	PCBs	Soil	
15 SB5 22-24	BK41665	12/16/15	PCBs	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 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 12/03/2015 (ECD1) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.
2. Initial calibration curve analyzed on 12/17/2015 (ECD3) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 12/19/2015 exhibited acceptable average %Ds ($\leq 15.0\%$ for opening and $\leq 50\%$ for closing) for all compounds on reporting column B. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all soil samples and associated QC were within the laboratory control limits (30% - 150%). 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 (BK41633 BL) associated with the soil samples extracted on 12/18/2015 and analyzed on 12/19/2015 was free of contamination. No qualifications were required.
2. Method Blank (BK41665 BL) associated with the soil samples extracted on 12/18/2015 and analyzed on 12/19/2015 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: BK41633 were analyzed on 12/19/2015. All %RECs and RPDs were within the laboratory control limits (50% - 150% [30%-150% for surrogates]). No qualifications were required.
2. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with ID: BK41665 were analyzed on 12/19/2015. 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 performed on sample 15 SB5 22-24 (BK41665). All %RECs/RPDs were within the laboratory 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:

BK41633 LCS

Aroclor-1016

On Column concentration (B)= 435.642ng

Sample weight= 15.0g

DF= 10

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{435.642\text{ng} \times 5\text{ml} \times 10}{15.0\text{g}} = 1452.14\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Aroclor-1016	1450	1450	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: GBK41655.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK41655.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-022
SDG #: GBK41655
Client: Environmental Business Consultants
Date: 02/17/2016
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-MS by SW-846 Method 6010C.
 - 1.2 Mercury by SW-846 Method 7471A.
 - 1.3 Cyanide by SW-846 Method 9012.
2. The samples were collected on 12/16/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/18/2015 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
15 SB1 2-4	BK41660	12/16/15	ICP, CVAA, Cyanide	Soil	
15 SB3 2-4	BK41661	12/16/15	ICP, CVAA, Cyanide	Soil	
15 SB5 2-4	BK41662	12/16/15	ICP, CVAA, Cyanide	Soil	
15 SB1 18-20	BK41663	12/16/15	ICP, CVAA, Cyanide	Soil	
15 SB3 18-20	BK41664	12/16/15	ICP, CVAA, Cyanide	Soil	
15 SB5 22-24	BK41665	12/16/15	ICP, CVAA, Cyanide	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 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.
3. All soil samples were digested and analyzed within the 14 days holding times for Cyanide 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) with the following exception(s):

Analyte	Date Analyzed	%R	Sample Affected	Action
Iron	12/22/15: 01:04	113.9	None	None
Sodium	12/20/15: 06:17	128.3	15 SB1 2-4	J+

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 (85-115%). No qualifications were required.

Cyanide:

- 1 All correlation coefficient for Cyanide calibration curve analyzed were ≥ 0.995 . No qualifications were required.
2. All ICVs and CCVs %REC values were within the QC limits (85-115%). No qualifications were required.

CRQL Check Standard (CRI):

1. All CRI analyzed on 12/19 & 20/2015 %RECs were within the control limits (70-130%) with the following exception(s):

Analyte	Date Analyzed	Initial %R	Final %R	Sample Affected	Action
Copper	12/19/2015: 11:38; 13:03	156.8	154.8	None	None
Copper	12/20/2015: 10:09; 11:29	130.4	A	15SB1 2-4	J+
Copper	12/22/15: 0:05; 1:17	A	135.4	15SB5 2-4, 15SB1 18-20, 15SB3 18-20	J+
Aluminum	12/22/15: 0:05; 1:17	A	178.9	15SB1 18-20, 15SB3 18-20	J+
Calcium	12/22/15: 0:05; 1:17	A	197.7	15SB5 2-4, 15SB1 18-20, 15SB3 18-20	J+
Barium	12/21/15: 21:47; 23:47	A	134.9	None	None

Analyte	Date Analyzed	Initial %R	Final %R	Sample Affected	Action
Potassium	12/20/15: 6:24	222.4	A	15SB1 2-4	J+
Lead	12/21/2015: 21:47; 23:47	A	139.9	15SB5 2-4, 15SB3 2-4	J+
Lead	12/22/15: 0:05; 1:17	A	292.5	15SB3 18-20 15SB1 18-20	J+ None
Iron	12/21/2015: 21:47; 23:47	A	138.2	15SB3 2-4, 15SB5 2-4, 15SB5 22-24	J+
Iron	12/22/15: 0:05; 1:17	A	705.6	15SB1 18-20, 15SB1 18-20	J+
Zinc	12/22/2015: 0:05; 1:17	A	135.6	15SB1 18-20, 15SB1 18-20	J+

A=Acceptable

ICP-AES Interference Check Sample:

1. All %REC values were within the QC limits (80-120%) for ICSA and ICSAB with the following exception(s):

Analyte	Date Analyzed	%R	Sample Affected	Action
Potassium	12/20/2015: 10:16; 10:19	120.9	15SB1 2-4	J+
Potassium	12/22/2015: 0:08; 0:12	126.4	15SB3 2-4	J+
Potassium	12/22/2015: 1:21; 1:24	124.7	15SB5 2-4, 15SB1 18-20, 15SB3 18-20, 15SB5 22-24	J+

Blanks (Method Blank, ICB and CCB):

ICP-AES:

1. Method Blank-Soil (BK41661) digested on 12/18/2015.

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Sodium	6.1	5	15SB3 2-4, 15SB5 2-4, 15SB1 18-20, 15SB3 18-20, 15SB5 22-24	None
Iron	8.9	5	15SB3 2-4, 15SB5 2-4, 15SB1 18-20, 15SB3 18-20,	None

			15SB5 22-24	
Calcium	9.5	5	15SB3 2-4, 15SB5 2-4, 15SB1 18-20, 15SB3 18-20, 15SB5 22-24	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. Method Blank-Soil (BK41633) digested on 12/18/2015 was free of contamination. No qualifications were required.

3. All ICB and CCBs were free of contamination with the following exception(s):

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Zinc	13	10	15SB1 2-4	None
Sodium	53	100	15SB5 2-4, 15SB1 18-20, 15SB3 18-20, 15SB5 22-24 15SB3 2-4	None U
Sodium	53	100	15SB3 2-4	None
Sodium	47	100	None	None
Sodium	56	100	None	None
Sodium	56	100	None	None
Sodium	56	100	15SB5 2-4, 15SB1 18-20, 15SB3 18-20, 15SB5 22-24	None
Sodium	50	100	None	None
Aluminum	11	50	15SB5 2-4, 15SB5 22-24	None
Aluminum	13	50	None	None
Aluminum	15	50	None	None
Aluminum	113	50	15SB1 18-20, 15SB3 18-20	None
Lead	7	10	15SB5 2-4, 15SB3 2-4	None
Lead	21	10	15SB3 18-20 15SB1 18-20, 15SB5 22-24	None U
Lead	8	10	None	None
Iron	348	50	15SB1 18-20, 15SB3 18-20	None
Calcium	162	50	15SB5 2-4, 15SB1 18-20, 15SB3 18-20, 15SB5 22-24	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 (BK41633) digested on 12/21/2015 was free of contamination. No qualifications were required.
3. Method Blank (BK41407) digested on 12/21/2015 was free of contamination. No qualifications were required.

Cyanide:

1. All ICB and CCBs were free of contamination. No qualifications were required.
2. Method Blank (BK41660) digested on 12/18/2015 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, Mercury and Cyanide:**

1. Laboratory Control Sample %RECs were within the laboratory control limits (70% - 130% for Metals, 75%-125% for Hg, 85%-115% for Cn). No qualifications were required.

Field Duplicate:

1. Field Blanks were not submitted with this SDG.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):**ICP-AES and Mercury:**

1. Matrix Spike (MS) was performed on sample 15 SB3 2-4 (BK41661). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R/Post %R	Sample Affected	Action
Potassium	131/147	15 SB3 2-4	J+
Magnesium	170/67.9	15 SB3 2-4	J

A= Acceptable

Cyanide:

1. Matrix Spike (MS) was performed on sample 15 SB1 2-4 (BK41660). All %RECs were within the laboratory control limits. No qualifications were required.

Sample Duplicate:

ICP-AES, Mercury, and Cyanide:

1. Sample Duplicate was performed on sample 15 SB3 2-4 (BK41661). All RPDs were within the laboratory control limits with the following exception(s):

Element	%R	Sample Affected	Action
Lead	35.4	15 SB3 2-4	J+

ICP-AES Serial Dilution:

1. ICP serial dilution was performed on sample 15 SB3 2-4 (BK41661). 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
Potassium	13.7	15 SB3 2-4	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: 15 SB1 2-4 (BK41660)

Barium

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

V= 50ml

W= 0.81g

%Solids =100.0

DF=1.0

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{1505.952ug/L \times 50 \times 1.0 \times 1L \times 1000g \times 1mg}{0.81 \times 1 \times 1000ml \times 1 kg \times 1000ug} = 92.96 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Barium	93	93	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: GBK41655.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK41655.



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41655**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 11-13	BK41655	E160.3	12/18/15	1	Solids, Percent	79	%			
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Ethylbenzene	2900	ug/kg	J	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Styrene		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Cis-1,3-Dichloropropene		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Trans-1,3-Dichloropropene		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	N-Propylbenzene	4800	ug/kg	J	1600	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	N-Butylbenzene	10000	ug/kg		890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	4-Chlorotoluene		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,4-Dichlorobenzene		ug/kg	U	890	1800
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Acrolein		ug/kg	U	4500	36000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,2-Dichloroethane		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Acrylonitrile		ug/kg	UJ	1800	18000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	8900	45000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	890	8000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Bromobenzene		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Toluene		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Chlorobenzene	8000	ug/kg	J	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Tetrahydrofuran		ug/kg	UJ	4500	18000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Trans-1,4-Dichloro-2-Butene		ug/kg	U	4500	18000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,2,4-Trichlorobenzene		ug/kg	UJ	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,4-Dioxane (P-Dioxane)		ug/kg	U	72000	180000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Dibromochloromethane		ug/kg	U	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Tetrachloroethylene (PCE)		ug/kg	U	890	1300
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Sec-Butylbenzene	18000	ug/kg		890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,3-Dichloropropane		ug/kg	U	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Cis-1,2-Dichloroethylene	1900	ug/kg	J	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Trans-1,2-Dichloroethene		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Tert-Butyl Methyl Ether		ug/kg	UJ	1800	18000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	m,p-Xylene	5700	ug/kg	J	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	O-Cymene (O-Isopropyltoluene)	6300	ug/kg	J	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,3-Dichlorobenzene		ug/kg	U	890	2000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Carbon Tetrachloride		ug/kg	U	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,1-Dichloropropene		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	2-Hexanone		ug/kg	U	8900	45000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	2,2-Dichloropropane		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,1,1,2-Tetrachloroethane		ug/kg	U	1800	36000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Acetone	10000	ug/kg	J	8900	89000



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41655**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Chloroform		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Benzene		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,1,1-Trichloroethane		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Bromomethane		ug/kg	U	3600	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Chloromethane		ug/kg	UJ	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Dibromomethane		ug/kg	U	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Bromochloromethane		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Chloroethane		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Vinyl Chloride		ug/kg	UJ	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Methylene Chloride		ug/kg	UJ	8900	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Carbon Disulfide		ug/kg	UJ	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Bromoform		ug/kg	U	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Bromodichloromethane		ug/kg	U	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,1-Dichloroethane		ug/kg	UJ	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,1-Dichloroethene		ug/kg	UJ	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Tert-Butyl Alcohol		ug/kg	U	36000	180000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Trichlorofluoromethane		ug/kg	U	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Dichlorodifluoromethane		ug/kg	UJ	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,2-Dichloropropane		ug/kg	U	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Methyl Ethyl Ketone (2-Butanone)		ug/kg	UJ	8900	54000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,1,2-Trichloroethane		ug/kg	U	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Trichloroethylene (TCE)		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,1,2,2-Tetrachloroethane		ug/kg	U	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,2,3-Trichlorobenzene		ug/kg	UJ	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Hexachlorobutadiene		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Naphthalene		ug/kg	UJ	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	2-Chlorotoluene		ug/kg	U	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,2-Dichlorobenzene		ug/kg	U	890	1000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,2,4-Trimethylbenzene		ug/kg	U	890	3500
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,2-Dibromo-3-Chloropropane		ug/kg	U	1800	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	1,2,3-Trichloropropane		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	T-Butylbenzene	3400	ug/kg	J	890	5000
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Isopropylbenzene (Cumene)	4800	ug/kg	J	890	8900
15SB1 11-13	BK41655	SW8260	12/19/15	1000	Cymene		ug/kg	U	890	8900
15SB1 11-13	BK41655	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	140	820



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41655**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 11-13	BK41655	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	190	410
15SB1 11-13	BK41655	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	100	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	190	330
15SB1 11-13	BK41655	SW8270	12/19/15	1	Phenol		ug/kg	U	130	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	100	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	110	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	110	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate	510	ug/kg		120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	110	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Anthracene	180	ug/kg	J	130	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	140	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	160	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	130	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Pyrene	770	ug/kg		140	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	130	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Benzo(G,H,I)Perylene	510	ug/kg		130	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene	510	ug/kg		140	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Benzo(B)Fluoranthene	530	ug/kg		140	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Fluoranthene	760	ug/kg		130	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Benzo(K)Fluoranthene	580	ug/kg		140	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Chrysene	510	ug/kg		140	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	110	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Benzo(A)Pyrene	610	ug/kg		130	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	290	820
15SB1 11-13	BK41655	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	440	2100
15SB1 11-13	BK41655	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	130	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Benzo(A)Anthracene	410	ug/kg		140	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	140	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	130	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	130	290



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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 11-13	BK41655	SW8270	12/19/15	1	Aniline		ug/kg	U	330	330
15SB1 11-13	BK41655	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	820	2100
15SB1 11-13	BK41655	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	140	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	130	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Isophorone		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	150	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Acenaphthene	380	ug/kg		120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	130	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	110	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Phenanthrene	190	ug/kg	J	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	110	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	160	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Fluorene	240	ug/kg	J	140	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Carbazole		ug/kg	U	310	2100
15SB1 11-13	BK41655	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	150	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	160	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	130	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	420	820
15SB1 11-13	BK41655	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	260	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Naphthalene		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	190	820
15SB1 11-13	BK41655	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	240	820
15SB1 11-13	BK41655	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	190	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	120	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	140	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	230	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	Acetophenone		ug/kg	U	1200	1200
15SB1 11-13	BK41655	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	140	290
15SB1 11-13	BK41655	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	820	820
15SB1 11-13	BK41655	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	160	290
15SB3 11-13	BK41656	E160.3	12/18/15	1	Solids, Percent	76	%			
15SB3 11-13	BK41656	SW8260	12/21/15	1	Acrolein		ug/kg	UJ	3.1	25



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 11-13	BK41656	SW8260	12/21/15	1	Acetone	29	ug/kg	J	6.2	50
15SB3 11-13	BK41656	SW8260	12/21/15	1	Bromomethane		ug/kg	UJ	2.5	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	2-Chlorotoluene		ug/kg	UJ	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	N-Butylbenzene		ug/kg	UJ	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Naphthalene		ug/kg	UJ	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Chloromethane		ug/kg	UJ	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Ethylbenzene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Styrene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	N-Propylbenzene		ug/kg	U	1.1	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	4-Chlorotoluene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,2-Dichloroethane		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Acrylonitrile		ug/kg	U	0.62	25
15SB3 11-13	BK41656	SW8260	12/21/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	6.2	31
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Bromobenzene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Toluene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Chlorobenzene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Tetrahydrofuran		ug/kg	U	3.1	12
15SB3 11-13	BK41656	SW8260	12/21/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	3.1	12
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	49	100
15SB3 11-13	BK41656	SW8260	12/21/15	1	Dibromochloromethane		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Tetrachloroethylene (PCE)		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Sec-Butylbenzene	0.83	ug/kg	J	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,3-Dichloropropane		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Tert-Butyl Methyl Ether	1.2	ug/kg	J	1.2	12
15SB3 11-13	BK41656	SW8260	12/21/15	1	m,p-Xylene		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	O-Cymene (O-Isopropyltoluene)		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Carbon Tetrachloride		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,1-Dichloropropene		ug/kg	U	0.62	6.2



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 11-13	BK41656	SW8260	12/21/15	1	2-Hexanone		ug/kg	U	6.2	31
15SB3 11-13	BK41656	SW8260	12/21/15	1	2,2-Dichloropropane		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	1.2	25
15SB3 11-13	BK41656	SW8260	12/21/15	1	Chloroform		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Benzene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,1,1-Trichloroethane		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Dibromomethane		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Bromochloromethane		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Chloroethane		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Vinyl Chloride		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Methylene Chloride		ug/kg	U	6.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Carbon Disulfide	1.2	ug/kg	J	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Bromoform		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Bromodichloromethane		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,1-Dichloroethane		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,1-Dichloroethene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Tert-Butyl Alcohol		ug/kg	U	25	120
15SB3 11-13	BK41656	SW8260	12/21/15	1	Trichlorofluoromethane		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Dichlorodifluoromethane		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,2-Dichloropropane		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	6.2	37
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,1,2-Trichloroethane		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Trichloroethylene (TCE)		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,2,3-Trichlorobenzene		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Hexachlorobutadiene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,2,4-Trimethylbenzene		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	1.2	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	1,2,3-Trichloropropane		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	T-Butylbenzene	2.6	ug/kg	J	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Isopropylbenzene (Cumene)		ug/kg	U	0.62	6.2
15SB3 11-13	BK41656	SW8260	12/21/15	1	Cymene	0.63	ug/kg	J	0.62	6.2
15SB3 11-13	BK41656	SW8270	12/21/15	1	4-Nitroaniline		ug/kg	U	140	860
15SB3 11-13	BK41656	SW8270	12/21/15	1	4-Nitrophenol		ug/kg	U	190	430



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 11-13	BK41656	SW8270	12/21/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	130	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	2,4-Dimethylphenol		ug/kg	U	110	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	130	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	4-Chloroaniline		ug/kg	U	200	340
15SB3 11-13	BK41656	SW8270	12/21/15	1	Phenol		ug/kg	U	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Pyridine		ug/kg	U	110	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	120	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	120	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	120	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Di-N-Octylphthalate		ug/kg	U	110	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Hexachlorobenzene		ug/kg	U	130	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Anthracene		ug/kg	U	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	130	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	2,4-Dichlorophenol		ug/kg	U	150	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	2,4-Dinitrotoluene		ug/kg	U	170	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	1,2-Diphenylhydrazine		ug/kg	U	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Pyrene	440	ug/kg		150	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Dimethyl Phthalate		ug/kg	U	130	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Dibenzofuran		ug/kg	U	130	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Benzo(G,H,I)Perylene		ug/kg	U	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Indeno(1,2,3-C,D)Pyrene	150	ug/kg	J	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Benzo(B)Fluoranthene	200	ug/kg	J	150	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Fluoranthene	460	ug/kg		140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Benzo(K)Fluoranthene	180	ug/kg	J	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Acenaphthylene		ug/kg	U	120	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Chrysene	260	ug/kg	J	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	120	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Benzo(A)Pyrene	230	ug/kg	J	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	2,4-Dinitrophenol		ug/kg	R	300	860
15SB3 11-13	BK41656	SW8270	12/21/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	460	2200
15SB3 11-13	BK41656	SW8270	12/21/15	1	Dibenz(A,H)Anthracene		ug/kg	U	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	130	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Benzo(A)Anthracene	220	ug/kg	J	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	4-Chloro-3-Methylphenol		ug/kg	U	150	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	2,6-Dinitrotoluene		ug/kg	U	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Aniline		ug/kg	U	340	340



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 11-13	BK41656	SW8270	12/21/15	1	N-Nitrosodimethylamine		ug/kg	U	120	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Benzoic Acid		ug/kg	R	860	2200
15SB3 11-13	BK41656	SW8270	12/21/15	1	Hexachloroethane		ug/kg	U	130	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	130	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Isophorone		ug/kg	U	120	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Pentachloronitrobenzene		ug/kg	U	160	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Acenaphthene		ug/kg	U	130	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Diethyl Phthalate		ug/kg	U	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Di-N-Butyl Phthalate		ug/kg	U	110	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Phenanthrene	420	ug/kg		120	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Benzyl Butyl Phthalate		ug/kg	U	110	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	N-Nitrosodiphenylamine		ug/kg	U	170	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Fluorene		ug/kg	U	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Carbazole		ug/kg	U	330	2200
15SB3 11-13	BK41656	SW8270	12/21/15	1	Hexachlorobutadiene		ug/kg	U	160	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Pentachlorophenol		ug/kg	UJ	160	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	2,4,6-Trichlorophenol		ug/kg	U	140	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	2-Nitroaniline		ug/kg	U	430	860
15SB3 11-13	BK41656	SW8270	12/21/15	1	2-Nitrophenol		ug/kg	U	270	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Naphthalene		ug/kg	U	120	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	2-Methylnaphthalene		ug/kg	U	130	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	2-Chloronaphthalene		ug/kg	U	120	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	3,3'-Dichlorobenzidine		ug/kg	U	200	860
15SB3 11-13	BK41656	SW8270	12/21/15	1	Benzidine		ug/kg	UJ	250	860
15SB3 11-13	BK41656	SW8270	12/21/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	200	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	120	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	2-Chlorophenol		ug/kg	U	120	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	150	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	2,4,5-Trichlorophenol		ug/kg	U	240	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Acetophenone		ug/kg	U	130	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	Nitrobenzene		ug/kg	U	150	300
15SB3 11-13	BK41656	SW8270	12/21/15	1	3-Nitroaniline		ug/kg	U	860	860
15SB3 11-13	BK41656	SW8270	12/21/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	170	300
15SB5 11-13	BK41657	E160.3	12/18/15	1	Solids, Percent	75	%			
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Acetone		ug/kg	UJ	6900	69000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Acrylonitrile		ug/kg	UJ	1400	14000



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41655**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Tetrahydrofuran		ug/kg	UJ	3500	14000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,2,4-Trichlorobenzene		ug/kg	UJ	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Tert-Butyl Methyl Ether		ug/kg	UJ	830	830
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Chloromethane		ug/kg	UJ	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Vinyl Chloride		ug/kg	UJ	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Methylene Chloride		ug/kg	UJ	6900	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Carbon Disulfide		ug/kg	UJ	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,1-Dichloroethane		ug/kg	UJ	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,1-Dichloroethene		ug/kg	UJ	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Dichlorodifluoromethane		ug/kg	UJ	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Methyl Ethyl Ketone (2-Butanone)		ug/kg	UJ	6900	42000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,2,3-Trichlorobenzene		ug/kg	UJ	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Naphthalene	1600	ug/kg	J	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Ethylbenzene		ug/kg	U	690	1000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Styrene		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Cis-1,3-Dichloropropene		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Trans-1,3-Dichloropropene		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	N-Propylbenzene	2600	ug/kg	J	1200	3900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	N-Butylbenzene	6300	ug/kg	J	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	4-Chlorotoluene		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,4-Dichlorobenzene		ug/kg	U	690	1000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Acrolein		ug/kg	U	3500	28000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,2-Dichloroethane		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	6900	35000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Bromobenzene		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Toluene		ug/kg	U	690	700
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Chlorobenzene		ug/kg	U	690	1000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Trans-1,4-Dichloro-2-Butene		ug/kg	U	3500	14000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,4-Dioxane (P-Dioxane)		ug/kg	U	55000	140000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Dibromochloromethane		ug/kg	U	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Tetrachloroethylene (PCE)		ug/kg	U	1200	1200
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Sec-Butylbenzene	26000	ug/kg	J	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,3-Dichloropropane		ug/kg	U	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Cis-1,2-Dichloroethylene		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Trans-1,2-Dichloroethene		ug/kg	U	690	6900



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 11-13	BK41657	SW8260	12/19/15	1000	m,p-Xylene		ug/kg	U	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	O-Cymene (O-Isopropyltoluene)	11000	ug/kg	J	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,3-Dichlorobenzene		ug/kg	U	690	1000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Carbon Tetrachloride		ug/kg	U	690	690
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,1-Dichloropropene		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	2-Hexanone		ug/kg	U	6900	35000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	2,2-Dichloropropane		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,1,1,2-Tetrachloroethane		ug/kg	U	1400	28000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Chloroform		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Benzene		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,1,1-Trichloroethane		ug/kg	U	680	680
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Bromomethane		ug/kg	U	2800	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Dibromomethane		ug/kg	U	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Bromochloromethane		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Chloroethane	3300	ug/kg	J	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Bromoform		ug/kg	U	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Bromodichloromethane		ug/kg	U	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Tert-Butyl Alcohol		ug/kg	U	28000	140000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Trichlorofluoromethane		ug/kg	U	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,2-Dichloropropane		ug/kg	U	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,1,2-Trichloroethane		ug/kg	U	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Trichloroethylene (TCE)		ug/kg	U	470	470
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,1,2,2-Tetrachloroethane		ug/kg	U	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Hexachlorobutadiene		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	2-Chlorotoluene		ug/kg	U	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,2-Dichlorobenzene		ug/kg	U	690	1000
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,2,4-Trimethylbenzene	1500	ug/kg	J	690	3500
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,2-Dibromo-3-Chloropropane		ug/kg	U	1400	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	1,2,3-Trichloropropane		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	T-Butylbenzene	6100	ug/kg	J	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Isopropylbenzene (Cumene)	1700	ug/kg	J	690	6900
15SB5 11-13	BK41657	SW8260	12/19/15	1000	Cymene		ug/kg	U	690	6900
15SB5 11-13	BK41657	SW8270	12/21/15	1	4-Nitroaniline		ug/kg	U	140	860
15SB5 11-13	BK41657	SW8270	12/21/15	1	4-Nitrophenol		ug/kg	U	200	430
15SB5 11-13	BK41657	SW8270	12/21/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	130	300



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 11-13	BK41657	SW8270	12/21/15	1	2,4-Dimethylphenol		ug/kg	U	110	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	130	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	4-Chloroaniline		ug/kg	U	200	350
15SB5 11-13	BK41657	SW8270	12/21/15	1	Phenol		ug/kg	U	140	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Pyridine		ug/kg	UJ	110	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	120	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	120	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Bis(2-Ethylhexyl) Phthalate	770	ug/kg		120	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Di-N-Octylphthalate		ug/kg	U	110	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Hexachlorobenzene		ug/kg	U	130	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Anthracene	780	ug/kg		140	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	130	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	2,4-Dichlorophenol		ug/kg	U	150	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	2,4-Dinitrotoluene		ug/kg	U	170	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	1,2-Diphenylhydrazine		ug/kg	U	140	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Pyrene	3400	ug/kg		150	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Dimethyl Phthalate		ug/kg	U	130	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Dibenzofuran		ug/kg	U	130	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Benzo(G,H,I)Perylene	670	ug/kg		140	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Indeno(1,2,3-C,D)Pyrene	550	ug/kg		140	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Benzo(B)Fluoranthene	880	ug/kg		150	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Fluoranthene	2200	ug/kg		140	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Benzo(K)Fluoranthene	840	ug/kg		140	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Acenaphthylene	180	ug/kg	J	120	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Chrysene	1200	ug/kg		150	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	120	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Benzo(A)Pyrene	1200	ug/kg		140	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	2,4-Dinitrophenol		ug/kg	R	300	860
15SB5 11-13	BK41657	SW8270	12/21/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	460	2200
15SB5 11-13	BK41657	SW8270	12/21/15	1	Dibenz(A,H)Anthracene	170	ug/kg	J	140	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	130	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Benzo(A)Anthracene	1100	ug/kg		150	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	4-Chloro-3-Methylphenol		ug/kg	U	150	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	2,6-Dinitrotoluene		ug/kg	U	140	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	140	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Aniline		ug/kg	U	350	350
15SB5 11-13	BK41657	SW8270	12/21/15	1	N-Nitrosodimethylamine		ug/kg	UJ	120	300



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BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 11-13	BK41657	SW8270	12/21/15	1	Benzoic Acid		ug/kg	R	860	2200
15SB5 11-13	BK41657	SW8270	12/21/15	1	Hexachloroethane		ug/kg	U	130	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	150	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	130	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Isophorone		ug/kg	U	120	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Pentachloronitrobenzene		ug/kg	U	160	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Acenaphthene	1400	ug/kg		130	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Diethyl Phthalate		ug/kg	U	140	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Di-N-Butyl Phthalate		ug/kg	U	110	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Phenanthrene	3900	ug/kg		120	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Benzyl Butyl Phthalate		ug/kg	U	110	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	N-Nitrosodiphenylamine		ug/kg	U	170	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Fluorene	1000	ug/kg		140	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Carbazole		ug/kg	U	330	2200
15SB5 11-13	BK41657	SW8270	12/21/15	1	Hexachlorobutadiene		ug/kg	U	160	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Pentachlorophenol		ug/kg	UJ	160	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	2,4,6-Trichlorophenol		ug/kg	U	140	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	2-Nitroaniline		ug/kg	U	440	860
15SB5 11-13	BK41657	SW8270	12/21/15	1	2-Nitrophenol		ug/kg	U	270	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Naphthalene	7900	ug/kg		120	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	2-Methylnaphthalene		ug/kg	U	130	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	2-Chloronaphthalene		ug/kg	U	120	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	3,3'-Dichlorobenzidine		ug/kg	U	200	860
15SB5 11-13	BK41657	SW8270	12/21/15	1	Benzidine		ug/kg	UJ	250	860
15SB5 11-13	BK41657	SW8270	12/21/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	200	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	120	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	2-Chlorophenol		ug/kg	U	120	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	150	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	2,4,5-Trichlorophenol		ug/kg	U	240	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Acetophenone		ug/kg	U	130	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	Nitrobenzene		ug/kg	U	150	300
15SB5 11-13	BK41657	SW8270	12/21/15	1	3-Nitroaniline		ug/kg	U	860	860
15SB5 11-13	BK41657	SW8270	12/21/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	170	300
BK41658-TB	BK41658	SW8260	12/19/15	50	Acetone	310	ug/kg	J	250	2500
BK41658-TB	BK41658	SW8260	12/19/15	50	Acrylonitrile		ug/kg	UJ	25	1000
BK41658-TB	BK41658	SW8260	12/19/15	50	Tetrahydrofuran		ug/kg	UJ	130	500
BK41658-TB	BK41658	SW8260	12/19/15	50	1,2,4-Trichlorobenzene		ug/kg	UJ	50	250



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BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
BK41658-TB	BK41658	SW8260	12/19/15	50	Tert-Butyl Methyl Ether		ug/kg	UJ	50	500
BK41658-TB	BK41658	SW8260	12/19/15	50	Chloromethane		ug/kg	UJ	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Vinyl Chloride		ug/kg	UJ	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Methylene Chloride		ug/kg	UJ	250	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Carbon Disulfide		ug/kg	UJ	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,1-Dichloroethane		ug/kg	UJ	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,1-Dichloroethene		ug/kg	UJ	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Dichlorodifluoromethane		ug/kg	UJ	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Methyl Ethyl Ketone (2-Butanone)		ug/kg	UJ	250	1500
BK41658-TB	BK41658	SW8260	12/19/15	50	1,2,3-Trichlorobenzene		ug/kg	UJ	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Naphthalene		ug/kg	UJ	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Ethylbenzene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Styrene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Cis-1,3-Dichloropropene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Trans-1,3-Dichloropropene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	N-Propylbenzene		ug/kg	U	45	250
BK41658-TB	BK41658	SW8260	12/19/15	50	N-Butylbenzene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	4-Chlorotoluene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,4-Dichlorobenzene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Acrolein		ug/kg	U	130	1000
BK41658-TB	BK41658	SW8260	12/19/15	50	1,2-Dichloroethane		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	250	1300
BK41658-TB	BK41658	SW8260	12/19/15	50	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Bromobenzene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Toluene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Chlorobenzene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Trans-1,4-Dichloro-2-Butene		ug/kg	U	130	500
BK41658-TB	BK41658	SW8260	12/19/15	50	1,4-Dioxane (P-Dioxane)		ug/kg	U	2000	5000
BK41658-TB	BK41658	SW8260	12/19/15	50	Dibromochloromethane		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Tetrachloroethylene (PCE)		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Sec-Butylbenzene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,3-Dichloropropane		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Cis-1,2-Dichloroethylene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Trans-1,2-Dichloroethene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	m,p-Xylene		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	O-Cymene (O-Isopropyltoluene)		ug/kg	U	25	250



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41655**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
BK41658-TB	BK41658	SW8260	12/19/15	50	1,3-Dichlorobenzene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Carbon Tetrachloride		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,1-Dichloropropene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	2-Hexanone		ug/kg	U	250	1300
BK41658-TB	BK41658	SW8260	12/19/15	50	2,2-Dichloropropane		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,1,1,2-Tetrachloroethane		ug/kg	U	50	1000
BK41658-TB	BK41658	SW8260	12/19/15	50	Chloroform		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Benzene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,1,1-Trichloroethane		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Bromomethane		ug/kg	U	100	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Dibromomethane		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Bromochloromethane		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Chloroethane		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Bromoform		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Bromodichloromethane		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Tert-Butyl Alcohol		ug/kg	U	1000	5000
BK41658-TB	BK41658	SW8260	12/19/15	50	Trichlorofluoromethane		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,2-Dichloropropane		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,1,2-Trichloroethane		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Trichloroethylene (TCE)		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,1,2,2-Tetrachloroethane		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Hexachlorobutadiene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	2-Chlorotoluene		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,2-Dichlorobenzene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,2,4-Trimethylbenzene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,2-Dibromo-3-Chloropropane		ug/kg	U	50	250
BK41658-TB	BK41658	SW8260	12/19/15	50	1,2,3-Trichloropropane		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	T-Butylbenzene		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Isopropylbenzene (Cumene)		ug/kg	U	25	250
BK41658-TB	BK41658	SW8260	12/19/15	50	Cymene		ug/kg	U	25	250
BK41659-TB	BK41659	SW8260	12/19/15	1	Acetone	10	ug/kg	UJ	5.0	50
BK41659-TB	BK41659	SW8260	12/19/15	1	Acrylonitrile		ug/kg	UJ	0.50	20
BK41659-TB	BK41659	SW8260	12/19/15	1	Tetrahydrofuran		ug/kg	UJ	2.5	10
BK41659-TB	BK41659	SW8260	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	UJ	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Tert-Butyl Methyl Ether		ug/kg	UJ	1.0	10



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41655**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
BK41659-TB	BK41659	SW8260	12/19/15	1	Chloromethane		ug/kg	UJ	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Vinyl Chloride		ug/kg	UJ	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Methylene Chloride		ug/kg	UJ	5.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Carbon Disulfide		ug/kg	UJ	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,1-Dichloroethane		ug/kg	UJ	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,1-Dichloroethene		ug/kg	UJ	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Dichlorodifluoromethane		ug/kg	UJ	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	UJ	5.0	30
BK41659-TB	BK41659	SW8260	12/19/15	1	1,2,3-Trichlorobenzene		ug/kg	UJ	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Naphthalene		ug/kg	UJ	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Ethylbenzene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Styrene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	N-Propylbenzene		ug/kg	U	0.90	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	N-Butylbenzene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	4-Chlorotoluene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Acrolein		ug/kg	U	2.5	20
BK41659-TB	BK41659	SW8260	12/19/15	1	1,2-Dichloroethane		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	5.0	25
BK41659-TB	BK41659	SW8260	12/19/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Bromobenzene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Toluene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Chlorobenzene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	2.5	10
BK41659-TB	BK41659	SW8260	12/19/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	40	100
BK41659-TB	BK41659	SW8260	12/19/15	1	Dibromochloromethane		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Tetrachloroethylene (PCE)		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Sec-Butylbenzene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,3-Dichloropropane		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	m,p-Xylene		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	O-Cymene (O-Isopropyltoluene)		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	0.50	5.0



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41655**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
BK41659-TB	BK41659	SW8260	12/19/15	1	Carbon Tetrachloride		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,1-Dichloropropene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	2-Hexanone		ug/kg	U	5.0	25
BK41659-TB	BK41659	SW8260	12/19/15	1	2,2-Dichloropropane		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	1.0	20
BK41659-TB	BK41659	SW8260	12/19/15	1	Chloroform		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Benzene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,1,1-Trichloroethane		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Bromomethane		ug/kg	U	2.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Dibromomethane		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Bromochloromethane		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Chloroethane		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Bromoform		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Bromodichloromethane		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Tert-Butyl Alcohol		ug/kg	U	20	100
BK41659-TB	BK41659	SW8260	12/19/15	1	Trichlorofluoromethane		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,2-Dichloropropane		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,1,2-Trichloroethane		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Trichloroethylene (TCE)		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Hexachlorobutadiene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	2-Chlorotoluene		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,2,4-Trimethylbenzene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	1.0	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	1,2,3-Trichloropropane		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	T-Butylbenzene		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Isopropylbenzene (Cumene)		ug/kg	U	0.50	5.0
BK41659-TB	BK41659	SW8260	12/19/15	1	Cymene		ug/kg	U	0.50	5.0
15SB1 2-4	BK41660	SW6010	12/20/15	10	Aluminum	5830	mg/kg		6.2	31
15SB1 2-4	BK41660	SW6010	12/20/15	10	Iron	14200	mg/kg		31	31
15SB1 2-4	BK41660	SW6010	12/20/15	10	Lead	228	mg/kg		3.1	6.2
15SB1 2-4	BK41660	SW6010	12/20/15	10	Manganese	285	mg/kg		3.1	3.1
15SB1 2-4	BK41660	SW6010	12/20/15	10	Nickel	138	mg/kg		3.1	3.1
15SB1 2-4	BK41660	SW6010	12/20/15	10	Zinc	577	mg/kg		3.1	6.2



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41655**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 2-4	BK41660	SW6010	12/20/15	10	Calcium	11200	mg/kg		28	31
15SB1 2-4	BK41660	SW6010	12/20/15	1	Magnesium	1650	mg/kg		3.1	3.1
15SB1 2-4	BK41660	SW6010	12/20/15	1	Potassium	1070	mg/kg	J+	2.4	6
15SB1 2-4	BK41660	SW6010	12/20/15	1	Silver		mg/kg	U	0.31	0.31
15SB1 2-4	BK41660	SW6010	12/20/15	1	Sodium	296	mg/kg	J+	2.7	6
15SB1 2-4	BK41660	SW6010	12/20/15	1	Thallium		mg/kg	U	1.2	1.2
15SB1 2-4	BK41660	SW6010	12/20/15	1	Antimony		mg/kg	U	1.5	1.5
15SB1 2-4	BK41660	SW6010	12/20/15	1	Arsenic	4.5	mg/kg		0.62	0.6
15SB1 2-4	BK41660	SW6010	12/20/15	1	Barium	93.0	mg/kg		0.31	0.6
15SB1 2-4	BK41660	SW6010	12/20/15	1	Beryllium	0.25	mg/kg		0.12	0.25
15SB1 2-4	BK41660	SW6010	12/20/15	1	Cadmium	0.85	mg/kg		0.12	0.31
15SB1 2-4	BK41660	SW6010	12/20/15	1	Chromium, Total	87.7	mg/kg		0.31	0.31
15SB1 2-4	BK41660	SW6010	12/20/15	1	Cobalt	6.31	mg/kg		0.31	0.31
15SB1 2-4	BK41660	SW6010	12/20/15	1	Copper	52.4	mg/kg	J+	0.31	0.31
15SB1 2-4	BK41660	SW6010	12/20/15	1	Vanadium	21.3	mg/kg		0.31	0.3
15SB1 2-4	BK41660	SW6010	12/20/15	1	Selenium		mg/kg	U	1.0	1.2
15SB1 2-4	BK41660	SW7471	12/21/15	1	Mercury	0.72	mg/kg		0.02	0.03
15SB1 2-4	BK41660	SW8081	12/20/15	2	P,P'-DDT		ug/kg	UJ	2.0	2.0
15SB1 2-4	BK41660	SW8081	12/20/15	2	Methoxychlor		ug/kg	UJ	33	33
15SB1 2-4	BK41660	SW8081	12/20/15	2	Heptachlor Epoxide		ug/kg	U	6.6	6.6
15SB1 2-4	BK41660	SW8081	12/20/15	2	Endosulfan Sulfate		ug/kg	U	6.6	6.6
15SB1 2-4	BK41660	SW8081	12/20/15	2	Aldrin		ug/kg	U	3.3	3.3
15SB1 2-4	BK41660	SW8081	12/20/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	6.6	6.6
15SB1 2-4	BK41660	SW8081	12/20/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	6.6	6.6
15SB1 2-4	BK41660	SW8081	12/20/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	6.6	6.6
15SB1 2-4	BK41660	SW8081	12/20/15	2	Beta Endosulfan		ug/kg	U	6.6	6.6
15SB1 2-4	BK41660	SW8081	12/20/15	2	cis-Chlordane		ug/kg	UJ	3.3	3.3
15SB1 2-4	BK41660	SW8081	12/20/15	2	trans-Chlordane		ug/kg	U	3.3	3.3
15SB1 2-4	BK41660	SW8081	12/20/15	2	Endrin Ketone		ug/kg	U	6.6	6.6
15SB1 2-4	BK41660	SW8081	12/20/15	2	Chlordane		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8081	12/20/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.3	1.3
15SB1 2-4	BK41660	SW8081	12/20/15	2	Dieldrin		ug/kg	U	3.3	3.3
15SB1 2-4	BK41660	SW8081	12/20/15	2	Endrin		ug/kg	U	6.6	6.6
15SB1 2-4	BK41660	SW8081	12/20/15	2	P,P'-DDD		ug/kg	U	2.0	2.0
15SB1 2-4	BK41660	SW8081	12/20/15	2	P,P'-DDE		ug/kg	U	2.0	2.0
15SB1 2-4	BK41660	SW8081	12/20/15	2	Endrin Aldehyde		ug/kg	U	6.6	6.6
15SB1 2-4	BK41660	SW8081	12/20/15	2	Heptachlor		ug/kg	U	6.6	6.6



**65 ECKFORD STREET
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 2-4	BK41660	SW8081	12/20/15	2	Toxaphene		ug/kg	U	130	130
15SB1 2-4	BK41660	SW8081	12/20/15	2	Alpha Endosulfan		ug/kg	U	6.6	6.6
15SB1 2-4	BK41660	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)	58	ug/kg		33	33
15SB1 2-4	BK41660	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8141	12/29/15	1	Malathion		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8141	12/29/15	1	Simazine		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8141	12/29/15	1	Alachlor		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8141	12/29/15	1	Atrazine		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8141	12/29/15	1	Disulfoton		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8141	12/29/15	1	Diazinon		ug/kg	U	33	33
15SB1 2-4	BK41660	SW8141	12/29/15	1	Azinphos, Methyl (Guthion)		ug/kg	U	40	40
15SB1 2-4	BK41660	SW8151	12/21/15	10	Dichloroprop		ug/kg	U	41	41
15SB1 2-4	BK41660	SW8151	12/21/15	10	Dicamba		ug/kg	U	82	82
15SB1 2-4	BK41660	SW8151	12/21/15	10	Dalapon		ug/kg	U	41	41
15SB1 2-4	BK41660	SW8151	12/21/15	10	Dinoseb		ug/kg	U	82	82
15SB1 2-4	BK41660	SW8151	12/21/15	10	Silvex (2,4,5-TP)		ug/kg	U	41	41
15SB1 2-4	BK41660	SW8151	12/21/15	10	Acetic acid, (2,4,5-trichlorophenoxy)-		ug/kg	U	41	41
15SB1 2-4	BK41660	SW8151	12/21/15	10	2,4-D (Dichlorophenoxyacetic Acid)		ug/kg	U	41	41
15SB1 2-4	BK41660	SW8151	12/21/15	10	2,4-(Dichlorophenoxy)butyric acid		ug/kg	U	410	410
15SB1 2-4	BK41660	SW8260	12/19/15	1	Ethylbenzene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Styrene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	N-Propylbenzene		ug/kg	U	0.63	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	N-Butylbenzene		ug/kg	UJ	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	4-Chlorotoluene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,2-Dichloroethane		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	3.5	18



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Bromobenzene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Toluene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Chlorobenzene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	1.8	7.0
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	28	70
15SB1 2-4	BK41660	SW8260	12/19/15	1	Dibromochloromethane		ug/kg	U	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Sec-Butylbenzene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,3-Dichloropropane		ug/kg	U	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Trans-1,2-Dichloroethene	1.2	ug/kg	J	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	m,p-Xylene		ug/kg	U	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	O-Cymene (O-Isopropyltoluene)		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Carbon Tetrachloride		ug/kg	U	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,1-Dichloropropene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	2-Hexanone		ug/kg	U	3.5	18
15SB1 2-4	BK41660	SW8260	12/19/15	1	2,2-Dichloropropane		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	0.70	14
15SB1 2-4	BK41660	SW8260	12/19/15	1	Acrolein		ug/kg	UJ	1.8	14
15SB1 2-4	BK41660	SW8260	12/19/15	1	Chloroform		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Benzene	0.45	ug/kg	J	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,1,1-Trichloroethane		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Bromomethane		ug/kg	UJ	1.4	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Dibromomethane		ug/kg	U	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Bromochloromethane		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Chloroethane		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Bromoform		ug/kg	U	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Bromodichloromethane		ug/kg	U	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Tert-Butyl Alcohol		ug/kg	U	14	70
15SB1 2-4	BK41660	SW8260	12/19/15	1	Trichlorofluoromethane		ug/kg	U	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,2-Dichloropropane		ug/kg	U	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,1,2-Trichloroethane		ug/kg	U	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Hexachlorobutadiene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	2-Chlorotoluene		ug/kg	UJ	0.70	3.5



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,2,4-Trimethylbenzene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,2,3-Trichloropropane		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	T-Butylbenzene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Isopropylbenzene (Cumene)		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Cymene		ug/kg	U	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/21/15	50	Tetrachloroethylene (PCE)	120	ug/kg	J	60	300
15SB1 2-4	BK41660	SW8260	12/21/15	50	Cis-1,2-Dichloroethylene	430	ug/kg		30	300
15SB1 2-4	BK41660	SW8260	12/21/15	50	Trichloroethylene (TCE)	6600	ug/kg		30	300
15SB1 2-4	BK41660	SW8260	12/19/15	1	Acrylonitrile		ug/kg	UJ	0.35	14
15SB1 2-4	BK41660	SW8260	12/19/15	1	Tetrahydrofuran		ug/kg	UJ	1.8	7.0
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	UJ	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Tert-Butyl Methyl Ether		ug/kg	UJ	0.70	7.0
15SB1 2-4	BK41660	SW8260	12/19/15	1	Chloromethane		ug/kg	UJ	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Vinyl Chloride	1.0	ug/kg	UJ	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Methylene Chloride		ug/kg	UJ	3.5	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Carbon Disulfide		ug/kg	UJ	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,1-Dichloroethane		ug/kg	UJ	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,1-Dichloroethene		ug/kg	UJ	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Dichlorodifluoromethane		ug/kg	UJ	0.35	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	UJ	3.5	21
15SB1 2-4	BK41660	SW8260	12/19/15	1	1,2,3-Trichlorobenzene		ug/kg	UJ	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Naphthalene		ug/kg	UJ	0.70	3.5
15SB1 2-4	BK41660	SW8260	12/19/15	1	Acetone	9.3	ug/kg	UJ	3.5	35
15SB1 2-4	BK41660	SW8270	12/21/15	1	4-Nitroaniline		ug/kg	U	110	660
15SB1 2-4	BK41660	SW8270	12/21/15	1	4-Nitrophenol		ug/kg	U	150	330
15SB1 2-4	BK41660	SW8270	12/21/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	97	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	2,4-Dimethylphenol		ug/kg	U	81	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	97	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	4-Chloroaniline		ug/kg	U	150	260
15SB1 2-4	BK41660	SW8270	12/21/15	1	Phenol		ug/kg	U	110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Pyridine		ug/kg	U	81	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	89	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	91	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	95	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Di-N-Octylphthalate		ug/kg	U	85	230



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 2-4	BK41660	SW8270	12/21/15	1	Hexachlorobenzene		ug/kg	U	96	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Anthracene		ug/kg	U	110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	99	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	2,4-Dichlorophenol		ug/kg	U	120	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	2,4-Dinitrotoluene		ug/kg	U	130	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	1,2-Diphenylhydrazine		ug/kg	U	110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Pyrene	190	ug/kg	J	110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Dimethyl Phthalate		ug/kg	U	100	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Dibenzofuran		ug/kg	U	96	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Benzo(G,H,I)Perylene	610	ug/kg		110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Indeno(1,2,3-C,D)Pyrene	630	ug/kg		110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Benzo(B)Fluoranthene	480	ug/kg		110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Fluoranthene	250	ug/kg		110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Benzo(K)Fluoranthene	400	ug/kg		110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Acenaphthylene	96	ug/kg	J	92	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Chrysene	310	ug/kg		110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	91	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Benzo(A)Pyrene	230	ug/kg	J	110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	2,4-Dinitrophenol		ug/kg	R	230	660
15SB1 2-4	BK41660	SW8270	12/21/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	350	1600
15SB1 2-4	BK41660	SW8270	12/21/15	1	Dibenz(A,H)Anthracene	130	ug/kg	J	110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	97	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Benzo(A)Anthracene	170	ug/kg	J	110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	4-Chloro-3-Methylphenol		ug/kg	U	120	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	2,6-Dinitrotoluene		ug/kg	U	100	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Aniline		ug/kg	U	260	260
15SB1 2-4	BK41660	SW8270	12/21/15	1	N-Nitrosodimethylamine		ug/kg	U	93	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Benzoic Acid		ug/kg	R	660	1600
15SB1 2-4	BK41660	SW8270	12/21/15	1	Hexachloroethane		ug/kg	U	98	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	100	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Isophorone		ug/kg	U	92	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Pentachloronitrobenzene		ug/kg	U	120	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Acenaphthene		ug/kg	U	100	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Diethyl Phthalate		ug/kg	U	100	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Di-N-Butyl Phthalate		ug/kg	U	87	230



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 2-4	BK41660	SW8270	12/21/15	1	Phenanthrene	120	ug/kg	J	94	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Benzyl Butyl Phthalate		ug/kg	U	85	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	N-Nitrosodiphenylamine		ug/kg	U	130	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Fluorene		ug/kg	U	110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Carbazole		ug/kg	U	250	1600
15SB1 2-4	BK41660	SW8270	12/21/15	1	Hexachlorobutadiene		ug/kg	U	120	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Pentachlorophenol		ug/kg	UJ	120	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	2,4,6-Trichlorophenol		ug/kg	U	110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	2-Nitroaniline		ug/kg	U	330	660
15SB1 2-4	BK41660	SW8270	12/21/15	1	2-Nitrophenol		ug/kg	U	210	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Naphthalene		ug/kg	U	95	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	2-Methylnaphthalene		ug/kg	U	98	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	2-Chloronaphthalene		ug/kg	U	93	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	3,3'-Dichlorobenzidine		ug/kg	U	150	660
15SB1 2-4	BK41660	SW8270	12/21/15	1	Benzidine		ug/kg	UJ	190	660
15SB1 2-4	BK41660	SW8270	12/21/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	150	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	93	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	2-Chlorophenol		ug/kg	U	93	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	120	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	2,4,5-Trichlorophenol		ug/kg	U	180	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Acetophenone		ug/kg	U	100	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	Nitrobenzene		ug/kg	U	110	230
15SB1 2-4	BK41660	SW8270	12/21/15	1	3-Nitroaniline		ug/kg	U	660	660
15SB1 2-4	BK41660	SW8270	12/21/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	130	230
15SB1 2-4	BK41660	SW9012	12/21/15	1	Cyanide	0.523	mg/kg		0.23	0.45
15SB3 2-4	BK41661	SW6010	12/21/15	10	Aluminum	6170	mg/kg		6.8	34
15SB3 2-4	BK41661	SW6010	12/21/15	10	Iron	26800	mg/kg	J+	34	34
15SB3 2-4	BK41661	SW6010	12/21/15	10	Manganese	249	mg/kg		3.4	3.4
15SB3 2-4	BK41661	SW6010	12/21/15	10	Sodium	362	mg/kg	U	29	68
15SB3 2-4	BK41661	SW6010	12/21/15	10	Copper	938	mg/kg		3.4	3.4
15SB3 2-4	BK41661	SW6010	12/21/15	10	Zinc	995	mg/kg		3.4	6.8
15SB3 2-4	BK41661	SW6010	12/21/15	10	Calcium	14100	mg/kg		32	34
15SB3 2-4	BK41661	SW6010	12/21/15	100	Lead	2790	mg/kg	J+	32	63
15SB3 2-4	BK41661	SW6010	12/22/15	1	Magnesium	686	mg/kg	J	3.4	3.4
15SB3 2-4	BK41661	SW6010	12/22/15	1	Nickel	15.5	mg/kg		0.34	0.34
15SB3 2-4	BK41661	SW6010	12/22/15	1	Potassium	903	mg/kg	J+	2.7	7
15SB3 2-4	BK41661	SW6010	12/22/15	1	Silver		mg/kg	U	0.34	0.34



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 2-4	BK41661	SW6010	12/22/15	1	Thallium		mg/kg	U	1.4	1.4
15SB3 2-4	BK41661	SW6010	12/22/15	1	Antimony	2.5	mg/kg		1.7	1.7
15SB3 2-4	BK41661	SW6010	12/22/15	1	Arsenic	13.4	mg/kg		0.68	0.7
15SB3 2-4	BK41661	SW6010	12/22/15	1	Barium	743	mg/kg		0.34	0.7
15SB3 2-4	BK41661	SW6010	12/22/15	1	Beryllium	0.53	mg/kg		0.14	0.27
15SB3 2-4	BK41661	SW6010	12/22/15	1	Cadmium	1.28	mg/kg		0.14	0.34
15SB3 2-4	BK41661	SW6010	12/22/15	1	Chromium, Total	19.0	mg/kg		0.34	0.34
15SB3 2-4	BK41661	SW6010	12/22/15	1	Cobalt	7.15	mg/kg		0.34	0.34
15SB3 2-4	BK41661	SW6010	12/22/15	1	Vanadium	27.4	mg/kg		0.34	0.3
15SB3 2-4	BK41661	SW6010	12/22/15	1	Selenium		mg/kg	U	1.2	1.4
15SB3 2-4	BK41661	SW7471	12/21/15	1	Mercury	2.75	mg/kg		0.14	0.24
15SB3 2-4	BK41661	SW8081	12/20/15	2	P,P'-DDT		ug/kg	UJ	1.9	1.9
15SB3 2-4	BK41661	SW8081	12/20/15	2	Methoxychlor		ug/kg	UJ	32	32
15SB3 2-4	BK41661	SW8081	12/20/15	2	Heptachlor Epoxide		ug/kg	U	6.5	6.5
15SB3 2-4	BK41661	SW8081	12/20/15	2	Endosulfan Sulfate		ug/kg	U	6.5	6.5
15SB3 2-4	BK41661	SW8081	12/20/15	2	Aldrin		ug/kg	U	3.2	3.2
15SB3 2-4	BK41661	SW8081	12/20/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	6.5	6.5
15SB3 2-4	BK41661	SW8081	12/20/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	6.5	6.5
15SB3 2-4	BK41661	SW8081	12/20/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	6.5	6.5
15SB3 2-4	BK41661	SW8081	12/20/15	2	Beta Endosulfan		ug/kg	U	6.5	6.5
15SB3 2-4	BK41661	SW8081	12/20/15	2	cis-Chlordane		ug/kg	UJ	3.2	3.2
15SB3 2-4	BK41661	SW8081	12/20/15	2	trans-Chlordane		ug/kg	U	3.2	3.2
15SB3 2-4	BK41661	SW8081	12/20/15	2	Endrin Ketone		ug/kg	U	6.5	6.5
15SB3 2-4	BK41661	SW8081	12/20/15	2	Chlordane		ug/kg	U	32	32
15SB3 2-4	BK41661	SW8081	12/20/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.3	1.3
15SB3 2-4	BK41661	SW8081	12/20/15	2	Dieldrin		ug/kg	U	3.2	3.2
15SB3 2-4	BK41661	SW8081	12/20/15	2	Endrin		ug/kg	U	6.5	6.5
15SB3 2-4	BK41661	SW8081	12/20/15	2	P,P'-DDD		ug/kg	U	1.9	1.9
15SB3 2-4	BK41661	SW8081	12/20/15	2	P,P'-DDE		ug/kg	U	1.9	1.9
15SB3 2-4	BK41661	SW8081	12/20/15	2	Endrin Aldehyde		ug/kg	U	6.5	6.5
15SB3 2-4	BK41661	SW8081	12/20/15	2	Heptachlor		ug/kg	U	6.5	6.5
15SB3 2-4	BK41661	SW8081	12/20/15	2	Toxaphene		ug/kg	U	130	130
15SB3 2-4	BK41661	SW8081	12/20/15	2	Alpha Endosulfan		ug/kg	U	6.5	6.5
15SB3 2-4	BK41661	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	32	32
15SB3 2-4	BK41661	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	32	32
15SB3 2-4	BK41661	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	32	32
15SB3 2-4	BK41661	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	32	32



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 2-4	BK41661	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	32	32
15SB3 2-4	BK41661	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	32	32
15SB3 2-4	BK41661	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	32	32
15SB3 2-4	BK41661	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	32	32
15SB3 2-4	BK41661	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	32	32
15SB3 2-4	BK41661	SW8141	12/29/15	1	Malathion		ug/kg	U	33	33
15SB3 2-4	BK41661	SW8141	12/29/15	1	Simazine		ug/kg	U	33	33
15SB3 2-4	BK41661	SW8141	12/29/15	1	Alachlor		ug/kg	U	33	33
15SB3 2-4	BK41661	SW8141	12/29/15	1	Atrazine		ug/kg	U	33	33
15SB3 2-4	BK41661	SW8141	12/29/15	1	Disulfoton		ug/kg	U	33	33
15SB3 2-4	BK41661	SW8141	12/29/15	1	Diazinon		ug/kg	U	33	33
15SB3 2-4	BK41661	SW8141	12/29/15	1	Azinphos, Methyl (Guthion)		ug/kg	U	33	33
15SB3 2-4	BK41661	SW8151	12/21/15	10	Dichloroprop		ug/kg	U	41	41
15SB3 2-4	BK41661	SW8151	12/21/15	10	Dicamba		ug/kg	U	82	82
15SB3 2-4	BK41661	SW8151	12/21/15	10	Dalapon		ug/kg	U	41	41
15SB3 2-4	BK41661	SW8151	12/21/15	10	Dinoseb		ug/kg	U	82	82
15SB3 2-4	BK41661	SW8151	12/21/15	10	Silvex (2,4,5-TP)		ug/kg	U	41	41
15SB3 2-4	BK41661	SW8151	12/21/15	10	Acetic acid, (2,4,5-trichlorophenoxy)-		ug/kg	U	41	41
15SB3 2-4	BK41661	SW8151	12/21/15	10	2,4-D (Dichlorophenoxyacetic Acid)		ug/kg	U	41	41
15SB3 2-4	BK41661	SW8151	12/21/15	10	2,4-(Dichlorophenoxy)butyric acid		ug/kg	U	410	410
15SB3 2-4	BK41661	SW8260	12/19/15	50	N-Propylbenzene		ug/kg	UJ	67	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	N-Butylbenzene		ug/kg	UJ	37	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	4-Chlorotoluene		ug/kg	UJ	37	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	1,4-Dichlorobenzene		ug/kg	UJ	37	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	UJ	37	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	Bromobenzene		ug/kg	UJ	37	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	Trans-1,4-Dichloro-2-Butene		ug/kg	UJ	190	750
15SB3 2-4	BK41661	SW8260	12/19/15	50	Sec-Butylbenzene		ug/kg	UJ	37	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	O-Cymene (O-Isopropyltoluene)		ug/kg	U	37	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	1,3-Dichlorobenzene		ug/kg	UJ	37	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	1,1,2,2-Tetrachloroethane		ug/kg	UJ	75	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	Hexachlorobutadiene		ug/kg	UJ	37	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	2-Chlorotoluene		ug/kg	UJ	75	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	1,2-Dichlorobenzene		ug/kg	UJ	37	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	1,2,4-Trimethylbenzene		ug/kg	UJ	37	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	1,2-Dibromo-3-Chloropropane		ug/kg	UJ	75	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	1,2,3-Trichloropropane		ug/kg	UJ	37	370



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 2-4	BK41661	SW8260	12/19/15	50	T-Butylbenzene		ug/kg	UJ	37	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	Isopropylbenzene (Cumene)		ug/kg	UJ	37	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	Cymene		ug/kg	U	37	370
15SB3 2-4	BK41661	SW8260	12/19/15	1	Ethylbenzene		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Styrene		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Acrolein		ug/kg	U	2.4	19
15SB3 2-4	BK41661	SW8260	12/19/15	1	1,2-Dichloroethane		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	4.8	24
15SB3 2-4	BK41661	SW8260	12/19/15	1	Toluene		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Chlorobenzene		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	38	96
15SB3 2-4	BK41661	SW8260	12/19/15	1	Dibromochloromethane		ug/kg	U	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Tetrachloroethylene (PCE)		ug/kg	U	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	1,3-Dichloropropane		ug/kg	U	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	m,p-Xylene		ug/kg	U	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Carbon Tetrachloride		ug/kg	U	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	1,1-Dichloropropene		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	2-Hexanone		ug/kg	U	4.8	24
15SB3 2-4	BK41661	SW8260	12/19/15	1	2,2-Dichloropropane		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	0.96	19
15SB3 2-4	BK41661	SW8260	12/19/15	1	Chloroform		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Benzene		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	1,1,1-Trichloroethane		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Bromomethane		ug/kg	UJ	1.9	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Dibromomethane		ug/kg	U	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Bromochloromethane		ug/kg	U	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Chloroethane		ug/kg	UJ	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Bromoform		ug/kg	U	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Bromodichloromethane		ug/kg	U	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Tert-Butyl Alcohol		ug/kg	U	19	96
15SB3 2-4	BK41661	SW8260	12/19/15	1	Trichlorofluoromethane		ug/kg	U	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.48	4.8



**65 ECKFORD STREET
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 2-4	BK41661	SW8260	12/19/15	1	1,2-Dichloropropane		ug/kg	U	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	1,1,2-Trichloroethane		ug/kg	U	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Trichloroethylene (TCE)	1.1	ug/kg	J	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	50	1,2,4-Trichlorobenzene		ug/kg	UJ	75	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	1,2,3-Trichlorobenzene		ug/kg	UJ	75	370
15SB3 2-4	BK41661	SW8260	12/19/15	50	Naphthalene		ug/kg	UJ	75	370
15SB3 2-4	BK41661	SW8260	12/19/15	1	Acrylonitrile		ug/kg	UJ	0.48	19
15SB3 2-4	BK41661	SW8260	12/19/15	1	Tetrahydrofuran		ug/kg	UJ	2.4	9.6
15SB3 2-4	BK41661	SW8260	12/19/15	1	Tert-Butyl Methyl Ether		ug/kg	UJ	0.96	9.6
15SB3 2-4	BK41661	SW8260	12/19/15	1	Chloromethane		ug/kg	UJ	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Vinyl Chloride		ug/kg	UJ	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Methylene Chloride		ug/kg	UJ	4.8	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Carbon Disulfide		ug/kg	UJ	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	1,1-Dichloroethane		ug/kg	UJ	0.96	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	1,1-Dichloroethene		ug/kg	UJ	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Dichlorodifluoromethane		ug/kg	UJ	0.48	4.8
15SB3 2-4	BK41661	SW8260	12/19/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	UJ	4.8	29
15SB3 2-4	BK41661	SW8260	12/19/15	1	Acetone	14	ug/kg	UJ	4.8	48
15SB3 2-4	BK41661	SW8270	12/21/15	1	4-Nitroaniline		ug/kg	U	110	660
15SB3 2-4	BK41661	SW8270	12/21/15	1	4-Nitrophenol		ug/kg	U	150	330
15SB3 2-4	BK41661	SW8270	12/21/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	97	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	2,4-Dimethylphenol		ug/kg	U	82	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	97	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	4-Chloroaniline		ug/kg	U	150	260
15SB3 2-4	BK41661	SW8270	12/21/15	1	Phenol		ug/kg	U	110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Pyridine		ug/kg	UJ	81	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	89	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	91	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	95	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Di-N-Octylphthalate		ug/kg	U	85	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Hexachlorobenzene		ug/kg	U	96	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Anthracene	170	ug/kg	J	110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	99	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	2,4-Dichlorophenol		ug/kg	U	120	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	2,4-Dinitrotoluene		ug/kg	U	130	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	1,2-Diphenylhydrazine		ug/kg	U	110	230



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SOIL
SDG: GBK41655**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 2-4	BK41661	SW8270	12/21/15	1	Pyrene	840	ug/kg		110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Dimethyl Phthalate		ug/kg	U	100	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Dibenzofuran		ug/kg	U	96	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Benzo(G,H,I)Perylene	310	ug/kg		110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Indeno(1,2,3-C,D)Pyrene	350	ug/kg		110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Benzo(B)Fluoranthene	430	ug/kg		110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Fluoranthene	910	ug/kg		110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Benzo(K)Fluoranthene	460	ug/kg		110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Acenaphthylene		ug/kg	U	92	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Chrysene	520	ug/kg		110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	92	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Benzo(A)Pyrene	540	ug/kg		110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	2,4-Dinitrophenol		ug/kg	R	230	660
15SB3 2-4	BK41661	SW8270	12/21/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	350	1600
15SB3 2-4	BK41661	SW8270	12/21/15	1	Dibenz(A,H)Anthracene		ug/kg	U	110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	97	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Benzo(A)Anthracene	490	ug/kg		110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	4-Chloro-3-Methylphenol		ug/kg	U	120	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	2,6-Dinitrotoluene		ug/kg	U	100	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Aniline		ug/kg	U	260	260
15SB3 2-4	BK41661	SW8270	12/21/15	1	N-Nitrosodimethylamine		ug/kg	UJ	93	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Benzoic Acid		ug/kg	R	660	1600
15SB3 2-4	BK41661	SW8270	12/21/15	1	Hexachloroethane		ug/kg	U	99	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	100	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Isophorone		ug/kg	U	92	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Pentachloronitrobenzene		ug/kg	U	120	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Acenaphthene		ug/kg	U	100	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Diethyl Phthalate		ug/kg	U	100	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Di-N-Butyl Phthalate		ug/kg	U	88	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Phenanthrene	770	ug/kg		94	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Benzyl Butyl Phthalate		ug/kg	U	85	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	N-Nitrosodiphenylamine		ug/kg	U	130	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Fluorene		ug/kg	U	110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Carbazole		ug/kg	U	250	1600
15SB3 2-4	BK41661	SW8270	12/21/15	1	Hexachlorobutadiene		ug/kg	U	120	230



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 2-4	BK41661	SW8270	12/21/15	1	Pentachlorophenol		ug/kg	UJ	120	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	2,4,6-Trichlorophenol		ug/kg	U	110	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	2-Nitroaniline		ug/kg	U	330	660
15SB3 2-4	BK41661	SW8270	12/21/15	1	2-Nitrophenol		ug/kg	U	210	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Naphthalene		ug/kg	U	95	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	2-Methylnaphthalene		ug/kg	U	98	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	2-Chloronaphthalene		ug/kg	U	93	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	3,3'-Dichlorobenzidine		ug/kg	U	160	660
15SB3 2-4	BK41661	SW8270	12/21/15	1	Benzidine		ug/kg	UJ	190	660
15SB3 2-4	BK41661	SW8270	12/21/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	150	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	93	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	2-Chlorophenol		ug/kg	U	93	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	120	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	2,4,5-Trichlorophenol		ug/kg	U	180	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Acetophenone		ug/kg	U	100	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	Nitrobenzene		ug/kg	U	120	230
15SB3 2-4	BK41661	SW8270	12/21/15	1	3-Nitroaniline		ug/kg	U	660	660
15SB3 2-4	BK41661	SW8270	12/21/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	130	230
15SB3 2-4	BK41661	SW9012	12/21/15	1	Cyanide	0.815	mg/kg		0.25	0.50
15SB5 2-4	BK41662	SW6010	12/21/15	10	Aluminum	7140	mg/kg		6.2	31
15SB5 2-4	BK41662	SW6010	12/21/15	10	Iron	29400	mg/kg	J+	31	31
15SB5 2-4	BK41662	SW6010	12/21/15	10	Lead	190	mg/kg	J+	3.1	6.2
15SB5 2-4	BK41662	SW6010	12/21/15	10	Manganese	337	mg/kg		3.1	3.1
15SB5 2-4	BK41662	SW6010	12/21/15	10	Zinc	177	mg/kg		3.1	6.2
15SB5 2-4	BK41662	SW6010	12/22/15	1	Magnesium	1730	mg/kg		3.1	3.1
15SB5 2-4	BK41662	SW6010	12/22/15	1	Nickel	14.1	mg/kg		0.31	0.31
15SB5 2-4	BK41662	SW6010	12/22/15	1	Potassium	1160	mg/kg	J+	2.4	6
15SB5 2-4	BK41662	SW6010	12/22/15	1	Silver		mg/kg	U	0.31	0.31
15SB5 2-4	BK41662	SW6010	12/22/15	1	Sodium	200	mg/kg		2.7	6
15SB5 2-4	BK41662	SW6010	12/22/15	1	Thallium		mg/kg	U	1.2	1.2
15SB5 2-4	BK41662	SW6010	12/22/15	1	Antimony		mg/kg	U	1.5	1.5
15SB5 2-4	BK41662	SW6010	12/22/15	1	Arsenic	6.9	mg/kg		0.62	0.6
15SB5 2-4	BK41662	SW6010	12/22/15	1	Barium	136	mg/kg		0.31	0.6
15SB5 2-4	BK41662	SW6010	12/22/15	1	Beryllium	0.55	mg/kg		0.12	0.25
15SB5 2-4	BK41662	SW6010	12/22/15	1	Cadmium	0.71	mg/kg		0.12	0.31
15SB5 2-4	BK41662	SW6010	12/22/15	1	Chromium, Total	16.9	mg/kg		0.31	0.31
15SB5 2-4	BK41662	SW6010	12/22/15	1	Cobalt	7.73	mg/kg		0.31	0.31



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 2-4	BK41662	SW6010	12/22/15	1	Copper	50.4	mg/kg	J+	0.31	0.31
15SB5 2-4	BK41662	SW6010	12/22/15	1	Vanadium	23.6	mg/kg		0.31	0.3
15SB5 2-4	BK41662	SW6010	12/22/15	1	Calcium	2270	mg/kg	J+	2.8	3.1
15SB5 2-4	BK41662	SW6010	12/22/15	1	Selenium		mg/kg	U	1.0	1.2
15SB5 2-4	BK41662	SW7471	12/21/15	1	Mercury	0.92	mg/kg		0.01	0.02
15SB5 2-4	BK41662	SW8081	12/24/15	2	P,P'-DDT		ug/kg	U	2.0	2.0
15SB5 2-4	BK41662	SW8081	12/24/15	2	Methoxychlor		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8081	12/24/15	2	Heptachlor Epoxide		ug/kg	U	6.6	6.6
15SB5 2-4	BK41662	SW8081	12/24/15	2	Endosulfan Sulfate		ug/kg	U	6.6	6.6
15SB5 2-4	BK41662	SW8081	12/24/15	2	Aldrin		ug/kg	U	3.3	3.3
15SB5 2-4	BK41662	SW8081	12/24/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	6.6	6.6
15SB5 2-4	BK41662	SW8081	12/24/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	6.6	6.6
15SB5 2-4	BK41662	SW8081	12/24/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	6.6	6.6
15SB5 2-4	BK41662	SW8081	12/24/15	2	Beta Endosulfan		ug/kg	U	6.6	6.6
15SB5 2-4	BK41662	SW8081	12/24/15	2	cis-Chlordane		ug/kg	U	3.3	3.3
15SB5 2-4	BK41662	SW8081	12/24/15	2	trans-Chlordane		ug/kg	U	3.3	3.3
15SB5 2-4	BK41662	SW8081	12/24/15	2	Endrin Ketone		ug/kg	U	6.6	6.6
15SB5 2-4	BK41662	SW8081	12/24/15	2	Chlordane		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8081	12/24/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.3	1.3
15SB5 2-4	BK41662	SW8081	12/24/15	2	Dieldrin		ug/kg	U	3.3	3.3
15SB5 2-4	BK41662	SW8081	12/24/15	2	Endrin		ug/kg	U	6.6	6.6
15SB5 2-4	BK41662	SW8081	12/24/15	2	P,P'-DDD		ug/kg	U	2.0	2.0
15SB5 2-4	BK41662	SW8081	12/24/15	2	P,P'-DDE		ug/kg	U	2.0	2.0
15SB5 2-4	BK41662	SW8081	12/24/15	2	Endrin Aldehyde		ug/kg	U	6.6	6.6
15SB5 2-4	BK41662	SW8081	12/24/15	2	Heptachlor		ug/kg	U	6.6	6.6
15SB5 2-4	BK41662	SW8081	12/24/15	2	Toxaphene		ug/kg	U	130	130
15SB5 2-4	BK41662	SW8081	12/24/15	2	Alpha Endosulfan		ug/kg	U	6.6	6.6
15SB5 2-4	BK41662	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8141	12/29/15	1	Malathion		ug/kg	U	33	33



**65 ECKFORD STREET
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 2-4	BK41662	SW8141	12/29/15	1	Simazine		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8141	12/29/15	1	Alachlor		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8141	12/29/15	1	Atrazine		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8141	12/29/15	1	Disulfoton		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8141	12/29/15	1	Diazinon		ug/kg	U	33	33
15SB5 2-4	BK41662	SW8141	12/29/15	1	Azinphos, Methyl (Guthion)		ug/kg	UJ	33	33
15SB5 2-4	BK41662	SW8151	12/21/15	10	Dichloroprop		ug/kg	U	42	42
15SB5 2-4	BK41662	SW8151	12/21/15	10	Dicamba		ug/kg	U	83	83
15SB5 2-4	BK41662	SW8151	12/21/15	10	Dalapon		ug/kg	U	42	42
15SB5 2-4	BK41662	SW8151	12/21/15	10	Dinoseb		ug/kg	U	83	83
15SB5 2-4	BK41662	SW8151	12/21/15	10	Silvex (2,4,5-TP)		ug/kg	U	42	42
15SB5 2-4	BK41662	SW8151	12/21/15	10	Acetic acid, (2,4,5-trichlorophenoxy)-		ug/kg	U	42	42
15SB5 2-4	BK41662	SW8151	12/21/15	10	2,4-D (Dichlorophenoxyacetic Acid)		ug/kg	U	42	42
15SB5 2-4	BK41662	SW8151	12/21/15	10	2,4-(Dichlorophenoxy)butyric acid		ug/kg	U	420	420
15SB5 2-4	BK41662	SW8260	12/21/15	1	Acrolein		ug/kg	UJ	2.5	20
15SB5 2-4	BK41662	SW8260	12/21/15	50	Naphthalene		ug/kg	UJ	43	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	2-Chlorotoluene		ug/kg	UJ	43	220
15SB5 2-4	BK41662	SW8260	12/21/15	1	Bromomethane		ug/kg	UJ	2.0	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	50	N-Butylbenzene		ug/kg	UJ	22	220
15SB5 2-4	BK41662	SW8260	12/21/15	1	Acetone		ug/kg	UJ	5.1	50
15SB5 2-4	BK41662	SW8260	12/21/15	1	Chloromethane		ug/kg	UJ	1.0	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	50	N-Propylbenzene		ug/kg	UJ	39	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	4-Chlorotoluene		ug/kg	UJ	22	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	1,4-Dichlorobenzene		ug/kg	UJ	22	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	UJ	22	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	Bromobenzene		ug/kg	UJ	22	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	Trans-1,4-Dichloro-2-Butene		ug/kg	UJ	110	430
15SB5 2-4	BK41662	SW8260	12/21/15	50	1,2,4-Trichlorobenzene		ug/kg	UJ	43	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	Tetrachloroethylene (PCE)	90	ug/kg	J	43	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	Sec-Butylbenzene		ug/kg	UJ	22	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	O-Cymene (O-Isopropyltoluene)		ug/kg	U	22	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	1,3-Dichlorobenzene		ug/kg	UJ	22	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	Trichloroethylene (TCE)	780	ug/kg		22	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	1,1,2,2-Tetrachloroethane		ug/kg	UJ	43	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	1,2,3-Trichlorobenzene		ug/kg	UJ	43	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	Hexachlorobutadiene		ug/kg	UJ	22	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	1,2-Dichlorobenzene		ug/kg	UJ	22	220



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 2-4	BK41662	SW8260	12/21/15	50	1,2,4-Trimethylbenzene		ug/kg	UJ	22	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	1,2-Dibromo-3-Chloropropane		ug/kg	UJ	43	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	1,2,3-Trichloropropane		ug/kg	UJ	22	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	T-Butylbenzene		ug/kg	UJ	22	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	Isopropylbenzene (Cumene)		ug/kg	UJ	22	220
15SB5 2-4	BK41662	SW8260	12/21/15	50	Cymene		ug/kg	U	22	220
15SB5 2-4	BK41662	SW8260	12/21/15	1	Ethylbenzene		ug/kg	UJ	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Styrene		ug/kg	UJ	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	UJ	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	1,2-Dichloroethane		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Acrylonitrile		ug/kg	U	0.51	20
15SB5 2-4	BK41662	SW8260	12/21/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	5.1	25
15SB5 2-4	BK41662	SW8260	12/21/15	1	Toluene		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Chlorobenzene		ug/kg	UJ	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Tetrahydrofuran		ug/kg	U	2.5	10
15SB5 2-4	BK41662	SW8260	12/21/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	40	100
15SB5 2-4	BK41662	SW8260	12/21/15	1	Dibromochloromethane		ug/kg	UJ	1.0	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	1,3-Dichloropropane		ug/kg	UJ	1.0	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Tert-Butyl Methyl Ether		ug/kg	U	1.0	10
15SB5 2-4	BK41662	SW8260	12/21/15	1	m,p-Xylene		ug/kg	UJ	1.0	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Carbon Tetrachloride		ug/kg	U	1.0	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	1,1-Dichloropropene		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	2-Hexanone		ug/kg	UJ	5.1	25
15SB5 2-4	BK41662	SW8260	12/21/15	1	2,2-Dichloropropane		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	1,1,1,2-Tetrachloroethane		ug/kg	UJ	1.0	20
15SB5 2-4	BK41662	SW8260	12/21/15	1	Chloroform	0.63	ug/kg	J	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Benzene		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	1,1,1-Trichloroethane		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Dibromomethane		ug/kg	U	1.0	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Bromochloromethane		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Chloroethane		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Vinyl Chloride		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Methylene Chloride		ug/kg	U	5.1	5.1



**65 ECKFORD STREET
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DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 2-4	BK41662	SW8260	12/21/15	1	Carbon Disulfide		ug/kg	U	1.0	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Bromoform		ug/kg	UJ	1.0	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Bromodichloromethane		ug/kg	U	1.0	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	1,1-Dichloroethane		ug/kg	U	1.0	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	1,1-Dichloroethene		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Tert-Butyl Alcohol		ug/kg	U	20	100
15SB5 2-4	BK41662	SW8260	12/21/15	1	Trichlorofluoromethane		ug/kg	U	1.0	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Dichlorodifluoromethane		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.51	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	1,2-Dichloropropane		ug/kg	U	1.0	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	5.1	30
15SB5 2-4	BK41662	SW8260	12/21/15	1	1,1,2-Trichloroethane		ug/kg	U	1.0	5.1
15SB5 2-4	BK41662	SW8260	12/21/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	UJ	1.0	5.1
15SB5 2-4	BK41662	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	110	650
15SB5 2-4	BK41662	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	150	330
15SB5 2-4	BK41662	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	96	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	81	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	97	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	150	260
15SB5 2-4	BK41662	SW8270	12/19/15	1	Phenol		ug/kg	U	100	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	80	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	88	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	90	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	94	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	84	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	95	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Anthracene	1500	ug/kg		110	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	99	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	120	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	130	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	110	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	100	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Dibenzofuran	480	ug/kg		95	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Benzo(G,H,I)Perylene	1800	ug/kg		110	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene	2400	ug/kg		110	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Benzo(B)Fluoranthene	3900	ug/kg		110	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Benzo(K)Fluoranthene	3300	ug/kg		110	230



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 2-4	BK41662	SW8270	12/19/15	1	Acenaphthylene	230	ug/kg		92	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Chrysene	4400	ug/kg		110	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	91	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Benzo(A)Pyrene	4500	ug/kg		110	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	230	650
15SB5 2-4	BK41662	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	350	1600
15SB5 2-4	BK41662	SW8270	12/19/15	1	Dibenz(A,H)Anthracene	450	ug/kg		110	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	97	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Benzo(A)Anthracene	4300	ug/kg		110	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	120	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	100	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	110	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Aniline		ug/kg	U	260	260
15SB5 2-4	BK41662	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	92	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	650	1600
15SB5 2-4	BK41662	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	98	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	110	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	100	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Isophorone		ug/kg	U	92	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	120	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Acenaphthene	620	ug/kg		99	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	100	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	87	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Phenanthrene	6100	ug/kg		94	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	84	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	130	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Fluorene	630	ug/kg		110	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Carbazole	550	ug/kg	J	250	1600
15SB5 2-4	BK41662	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	120	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	120	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	100	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	330	650
15SB5 2-4	BK41662	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	210	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Naphthalene		ug/kg	U	94	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	2-Methylnaphthalene	300	ug/kg		97	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	93	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	150	650



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 2-4	BK41662	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	190	650
15SB5 2-4	BK41662	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	150	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	92	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	93	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	120	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	180	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Acetophenone		ug/kg	U	100	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	110	230
15SB5 2-4	BK41662	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	650	650
15SB5 2-4	BK41662	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	130	230
15SB5 2-4	BK41662	SW8270	12/21/15	5	Pyrene	6700	ug/kg		560	1100
15SB5 2-4	BK41662	SW8270	12/21/15	5	Fluoranthene	6900	ug/kg		530	1100
15SB5 2-4	BK41662	SW9012	12/21/15	1	Cyanide		mg/kg	U	0.25	0.50
15SB1 18-20	BK41663	SW6010	12/22/15	1	Aluminum	857	mg/kg	J+	0.65	3.2
15SB1 18-20	BK41663	SW6010	12/22/15	1	Iron	2380	mg/kg	J+	3.2	3.2
15SB1 18-20	BK41663	SW6010	12/22/15	1	Lead	11.8	mg/kg	U	0.32	0.6
15SB1 18-20	BK41663	SW6010	12/22/15	1	Magnesium	1540	mg/kg		3.2	3.2
15SB1 18-20	BK41663	SW6010	12/22/15	1	Manganese	30.2	mg/kg		0.32	0.32
15SB1 18-20	BK41663	SW6010	12/22/15	1	Nickel	1.56	mg/kg		0.32	0.32
15SB1 18-20	BK41663	SW6010	12/22/15	1	Potassium	138	mg/kg	J+	2.5	6
15SB1 18-20	BK41663	SW6010	12/22/15	1	Silver		mg/kg	U	0.32	0.32
15SB1 18-20	BK41663	SW6010	12/22/15	1	Sodium	297	mg/kg		2.8	6
15SB1 18-20	BK41663	SW6010	12/22/15	1	Thallium		mg/kg	U	1.3	1.3
15SB1 18-20	BK41663	SW6010	12/22/15	1	Antimony		mg/kg	U	1.6	1.6
15SB1 18-20	BK41663	SW6010	12/22/15	1	Arsenic	1.4	mg/kg		0.65	0.6
15SB1 18-20	BK41663	SW6010	12/22/15	1	Barium	12.7	mg/kg		0.32	0.6
15SB1 18-20	BK41663	SW6010	12/22/15	1	Beryllium	0.24	mg/kg	J	0.13	0.26
15SB1 18-20	BK41663	SW6010	12/22/15	1	Cadmium	0.21	mg/kg	J	0.13	0.32
15SB1 18-20	BK41663	SW6010	12/22/15	1	Chromium, Total	2.76	mg/kg		0.32	0.32
15SB1 18-20	BK41663	SW6010	12/22/15	1	Cobalt	0.94	mg/kg		0.32	0.32
15SB1 18-20	BK41663	SW6010	12/22/15	1	Copper	5.75	mg/kg	J+	0.32	0.32
15SB1 18-20	BK41663	SW6010	12/22/15	1	Vanadium	2.5	mg/kg		0.32	0.3
15SB1 18-20	BK41663	SW6010	12/22/15	1	Zinc	8.0	mg/kg	J+	0.32	0.6
15SB1 18-20	BK41663	SW6010	12/22/15	1	Calcium	3210	mg/kg	J+	3.0	3.2
15SB1 18-20	BK41663	SW6010	12/22/15	1	Selenium		mg/kg	U	1.1	1.3
15SB1 18-20	BK41663	SW7471	12/21/15	1	Mercury	0.03	mg/kg	J	0.02	0.03
15SB1 18-20	BK41663	SW8081	12/20/15	2	Heptachlor Epoxide		ug/kg	U	9.8	9.8



**65 ECKFORD STREET
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 18-20	BK41663	SW8081	12/20/15	2	Endosulfan Sulfate		ug/kg	U	9.8	9.8
15SB1 18-20	BK41663	SW8081	12/20/15	2	Aldrin		ug/kg	U	4.9	4.9
15SB1 18-20	BK41663	SW8081	12/20/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	9.8	9.8
15SB1 18-20	BK41663	SW8081	12/20/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	9.8	9.8
15SB1 18-20	BK41663	SW8081	12/20/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	9.8	9.8
15SB1 18-20	BK41663	SW8081	12/20/15	2	Beta Endosulfan		ug/kg	U	9.8	9.8
15SB1 18-20	BK41663	SW8081	12/20/15	2	cis-Chlordane		ug/kg	UJ	4.9	4.9
15SB1 18-20	BK41663	SW8081	12/20/15	2	trans-Chlordane		ug/kg	U	4.9	4.9
15SB1 18-20	BK41663	SW8081	12/20/15	2	Endrin Ketone		ug/kg	U	9.8	9.8
15SB1 18-20	BK41663	SW8081	12/20/15	2	Chlordane		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8081	12/20/15	2	Gamma Bhc (Lindane)		ug/kg	U	2.0	2.0
15SB1 18-20	BK41663	SW8081	12/20/15	2	Dieldrin		ug/kg	U	4.9	4.9
15SB1 18-20	BK41663	SW8081	12/20/15	2	Endrin		ug/kg	U	9.8	9.8
15SB1 18-20	BK41663	SW8081	12/20/15	2	P,P'-DDD		ug/kg	U	2.9	2.9
15SB1 18-20	BK41663	SW8081	12/20/15	2	P,P'-DDE		ug/kg	U	2.9	2.9
15SB1 18-20	BK41663	SW8081	12/20/15	2	Endrin Aldehyde		ug/kg	U	9.8	9.8
15SB1 18-20	BK41663	SW8081	12/20/15	2	Heptachlor		ug/kg	U	9.8	9.8
15SB1 18-20	BK41663	SW8081	12/20/15	2	Toxaphene		ug/kg	U	200	200
15SB1 18-20	BK41663	SW8081	12/20/15	2	Alpha Endosulfan		ug/kg	U	9.8	9.8
15SB1 18-20	BK41663	SW8081	12/20/15	2	P,P'-DDT		ug/kg	UJ	2.9	2.9
15SB1 18-20	BK41663	SW8081	12/20/15	2	Methoxychlor		ug/kg	UJ	49	49
15SB1 18-20	BK41663	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8141	12/29/15	1	Malathion		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8141	12/29/15	1	Simazine		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8141	12/29/15	1	Alachlor		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8141	12/29/15	1	Atrazine		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8141	12/29/15	1	Disulfoton		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8141	12/29/15	1	Diazinon		ug/kg	U	49	49
15SB1 18-20	BK41663	SW8141	12/29/15	1	Azinphos, Methyl (Guthion)		ug/kg	UJ	49	49



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 18-20	BK41663	SW8151	12/21/15	10	Dichloroprop		ug/kg	U	120	120
15SB1 18-20	BK41663	SW8151	12/21/15	10	Dicamba		ug/kg	U	230	230
15SB1 18-20	BK41663	SW8151	12/21/15	10	Dalapon		ug/kg	U	120	120
15SB1 18-20	BK41663	SW8151	12/21/15	10	Dinoseb		ug/kg	U	230	230
15SB1 18-20	BK41663	SW8151	12/21/15	10	Silvex (2,4,5-TP)		ug/kg	U	120	120
15SB1 18-20	BK41663	SW8151	12/21/15	10	Acetic acid, (2,4,5-trichlorophenoxy)-		ug/kg	U	120	120
15SB1 18-20	BK41663	SW8151	12/21/15	10	2,4-D (Dichlorophenoxyacetic Acid)		ug/kg	U	120	120
15SB1 18-20	BK41663	SW8151	12/21/15	10	2,4-(Dichlorophenoxy)butyric acid		ug/kg	U	1200	1200
15SB1 18-20	BK41663	SW8260	12/21/15	1	Cis-1,2-Dichloroethylene	4.1	ug/kg	J	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Tert-Butyl Methyl Ether	1.4	ug/kg	J	1.1	11
15SB1 18-20	BK41663	SW8260	12/21/15	1	Vinyl Chloride	1.4	ug/kg	J	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Carbon Disulfide	2.8	ug/kg	J	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Acetone	210	ug/kg	J	5.5	55
15SB1 18-20	BK41663	SW8260	12/21/15	1	Ethylbenzene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Styrene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Cis-1,3-Dichloropropene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Trans-1,3-Dichloropropene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	N-Propylbenzene		ug/kg	UJ	0.98	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	4-Chlorotoluene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,4-Dichlorobenzene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,2-Dichloroethane		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Acrylonitrile		ug/kg	UJ	0.55	22
15SB1 18-20	BK41663	SW8260	12/21/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	UJ	5.5	27
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Bromobenzene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	44	98
15SB1 18-20	BK41663	SW8260	12/21/15	1	Toluene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Chlorobenzene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Tetrahydrofuran		ug/kg	UJ	2.7	11
15SB1 18-20	BK41663	SW8260	12/21/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	UJ	2.7	11
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Dibromochloromethane		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Tetrachloroethylene (PCE)		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Sec-Butylbenzene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,3-Dichloropropane		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Trans-1,2-Dichloroethene		ug/kg	UJ	0.55	5.5



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 18-20	BK41663	SW8260	12/21/15	1	m,p-Xylene		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	O-Cymene (O-Isopropyltoluene)		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,3-Dichlorobenzene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Carbon Tetrachloride		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,1-Dichloropropene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	2-Hexanone		ug/kg	UJ	5.5	27
15SB1 18-20	BK41663	SW8260	12/21/15	1	2,2-Dichloropropane		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,1,1,2-Tetrachloroethane		ug/kg	UJ	1.1	22
15SB1 18-20	BK41663	SW8260	12/21/15	1	Chloroform		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Benzene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,1,1-Trichloroethane		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Dibromomethane		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Bromochloromethane		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Chloroethane		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Methylene Chloride		ug/kg	UJ	5.5	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Bromoform		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Bromodichloromethane		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,1-Dichloroethane		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,1-Dichloroethene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Tert-Butyl Alcohol		ug/kg	UJ	22	110
15SB1 18-20	BK41663	SW8260	12/21/15	1	Trichlorofluoromethane		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Dichlorodifluoromethane		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,2-Dichloropropane		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,1,2-Trichloroethane		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Trichloroethylene (TCE)		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,1,2,2-Tetrachloroethane		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,2,3-Trichlorobenzene		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Hexachlorobutadiene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,2-Dichlorobenzene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,2,4-Trimethylbenzene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	1,2,3-Trichloropropane		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	T-Butylbenzene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Isopropylbenzene (Cumene)		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Cymene		ug/kg	UJ	0.55	5.5



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 18-20	BK41663	SW8260	12/21/15	1	N-Butylbenzene		ug/kg	UJ	0.55	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Chloromethane		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Acrolein		ug/kg	UJ	2.7	22
15SB1 18-20	BK41663	SW8260	12/21/15	1	Bromomethane		ug/kg	UJ	2.2	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Naphthalene		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	2-Chlorotoluene		ug/kg	UJ	1.1	5.5
15SB1 18-20	BK41663	SW8260	12/21/15	1	Methyl Ethyl Ketone (2-Butanone)	55	ug/kg	J	5.5	33
15SB1 18-20	BK41663	SW8270	12/21/15	1	4-Nitroaniline		ug/kg	U	160	980
15SB1 18-20	BK41663	SW8270	12/21/15	1	4-Nitrophenol		ug/kg	U	220	490
15SB1 18-20	BK41663	SW8270	12/21/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	140	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	2,4-Dimethylphenol		ug/kg	U	120	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	150	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	4-Chloroaniline		ug/kg	U	230	390
15SB1 18-20	BK41663	SW8270	12/21/15	1	Phenol		ug/kg	U	160	330
15SB1 18-20	BK41663	SW8270	12/21/15	1	Pyridine		ug/kg	U	120	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	130	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	140	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	140	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Di-N-Octylphthalate		ug/kg	U	130	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Hexachlorobenzene		ug/kg	U	140	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Anthracene		ug/kg	U	160	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	150	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	2,4-Dichlorophenol		ug/kg	U	170	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	2,4-Dinitrotoluene		ug/kg	U	190	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	1,2-Diphenylhydrazine		ug/kg	U	160	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Pyrene		ug/kg	U	170	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Dimethyl Phthalate		ug/kg	U	150	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Dibenzofuran		ug/kg	U	140	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Benzo(G,H,I)Perylene		ug/kg	U	160	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	160	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Benzo(B)Fluoranthene		ug/kg	U	170	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Fluoranthene		ug/kg	U	160	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Benzo(K)Fluoranthene		ug/kg	U	160	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Acenaphthylene		ug/kg	U	140	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Chrysene		ug/kg	U	170	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	140	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Benzo(A)Pyrene		ug/kg	U	160	340



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 18-20	BK41663	SW8270	12/21/15	1	2,4-Dinitrophenol		ug/kg	R	340	980
15SB1 18-20	BK41663	SW8270	12/21/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	530	2500
15SB1 18-20	BK41663	SW8270	12/21/15	1	Dibenz(A,H)Anthracene		ug/kg	U	160	330
15SB1 18-20	BK41663	SW8270	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	150	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Benzo(A)Anthracene		ug/kg	U	170	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	4-Chloro-3-Methylphenol		ug/kg	U	170	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	2,6-Dinitrotoluene		ug/kg	U	160	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	160	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Aniline		ug/kg	U	390	390
15SB1 18-20	BK41663	SW8270	12/21/15	1	N-Nitrosodimethylamine		ug/kg	U	140	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Benzoic Acid		ug/kg	R	980	2500
15SB1 18-20	BK41663	SW8270	12/21/15	1	Hexachloroethane		ug/kg	U	150	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	170	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	150	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Isophorone		ug/kg	U	140	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Pentachloronitrobenzene		ug/kg	U	180	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Acenaphthene		ug/kg	U	150	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Diethyl Phthalate		ug/kg	U	160	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Di-N-Butyl Phthalate		ug/kg	U	130	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Phenanthrene		ug/kg	U	140	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Benzyl Butyl Phthalate		ug/kg	U	130	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	N-Nitrosodiphenylamine		ug/kg	U	190	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Fluorene		ug/kg	U	160	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Carbazole		ug/kg	U	370	2500
15SB1 18-20	BK41663	SW8270	12/21/15	1	Hexachlorobutadiene		ug/kg	U	180	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Pentachlorophenol		ug/kg	UJ	190	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	2,4,6-Trichlorophenol		ug/kg	U	160	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	2-Nitroaniline		ug/kg	U	500	980
15SB1 18-20	BK41663	SW8270	12/21/15	1	2-Nitrophenol		ug/kg	U	310	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Naphthalene		ug/kg	U	140	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	2-Methylnaphthalene		ug/kg	U	150	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	2-Chloronaphthalene		ug/kg	U	140	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	3,3'-Dichlorobenzidine		ug/kg	U	230	980
15SB1 18-20	BK41663	SW8270	12/21/15	1	Benzidine		ug/kg	UJ	290	980
15SB1 18-20	BK41663	SW8270	12/21/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	230	330
15SB1 18-20	BK41663	SW8270	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	140	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	2-Chlorophenol		ug/kg	U	140	340



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB1 18-20	BK41663	SW8270	12/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	170	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	2,4,5-Trichlorophenol		ug/kg	U	270	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Acetophenone		ug/kg	U	150	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	Nitrobenzene		ug/kg	U	170	340
15SB1 18-20	BK41663	SW8270	12/21/15	1	3-Nitroaniline		ug/kg	U	980	980
15SB1 18-20	BK41663	SW8270	12/21/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	190	340
15SB1 18-20	BK41663	SW9012	12/21/15	1	Cyanide		mg/kg	U	0.25	0.50
15SB3 18-20	BK41664	SW6010	12/22/15	1	Aluminum	1650	mg/kg	J+	0.69	3.5
15SB3 18-20	BK41664	SW6010	12/22/15	1	Iron	3880	mg/kg	J+	3.5	3.5
15SB3 18-20	BK41664	SW6010	12/22/15	1	Lead	16.4	mg/kg	J+	0.35	0.7
15SB3 18-20	BK41664	SW6010	12/22/15	1	Magnesium	1300	mg/kg		3.5	3.5
15SB3 18-20	BK41664	SW6010	12/22/15	1	Manganese	59.8	mg/kg		0.35	0.35
15SB3 18-20	BK41664	SW6010	12/22/15	1	Nickel	2.80	mg/kg		0.35	0.35
15SB3 18-20	BK41664	SW6010	12/22/15	1	Potassium	327	mg/kg	J+	2.7	7
15SB3 18-20	BK41664	SW6010	12/22/15	1	Silver		mg/kg	U	0.35	0.35
15SB3 18-20	BK41664	SW6010	12/22/15	1	Sodium	474	mg/kg		3.0	7
15SB3 18-20	BK41664	SW6010	12/22/15	1	Thallium		mg/kg	U	1.4	1.4
15SB3 18-20	BK41664	SW6010	12/22/15	1	Antimony		mg/kg	U	1.7	1.7
15SB3 18-20	BK41664	SW6010	12/22/15	1	Arsenic	1.5	mg/kg		0.69	0.7
15SB3 18-20	BK41664	SW6010	12/22/15	1	Barium	16.1	mg/kg		0.35	0.7
15SB3 18-20	BK41664	SW6010	12/22/15	1	Beryllium	0.22	mg/kg	J	0.14	0.28
15SB3 18-20	BK41664	SW6010	12/22/15	1	Cadmium	0.22	mg/kg	J	0.14	0.35
15SB3 18-20	BK41664	SW6010	12/22/15	1	Chromium, Total	2.83	mg/kg		0.35	0.35
15SB3 18-20	BK41664	SW6010	12/22/15	1	Cobalt	1.83	mg/kg		0.35	0.35
15SB3 18-20	BK41664	SW6010	12/22/15	1	Copper	3.78	mg/kg	J+	0.35	0.35
15SB3 18-20	BK41664	SW6010	12/22/15	1	Vanadium	4.8	mg/kg		0.35	0.3
15SB3 18-20	BK41664	SW6010	12/22/15	1	Zinc	8.9	mg/kg	J+	0.35	0.7
15SB3 18-20	BK41664	SW6010	12/22/15	1	Calcium	3730	mg/kg	J+	3.2	3.5
15SB3 18-20	BK41664	SW6010	12/22/15	1	Selenium		mg/kg	U	1.2	1.4
15SB3 18-20	BK41664	SW7471	12/21/15	1	Mercury	0.55	mg/kg		0.02	0.03
15SB3 18-20	BK41664	SW8081	12/23/15	2	Heptachlor Epoxide		ug/kg	U	9.8	9.8
15SB3 18-20	BK41664	SW8081	12/23/15	2	Endosulfan Sulfate		ug/kg	U	9.8	9.8
15SB3 18-20	BK41664	SW8081	12/23/15	2	Aldrin		ug/kg	U	4.9	4.9
15SB3 18-20	BK41664	SW8081	12/23/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	9.8	9.8
15SB3 18-20	BK41664	SW8081	12/23/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	9.8	9.8
15SB3 18-20	BK41664	SW8081	12/23/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	9.8	9.8
15SB3 18-20	BK41664	SW8081	12/23/15	2	Beta Endosulfan		ug/kg	U	9.8	9.8



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 18-20	BK41664	SW8081	12/23/15	2	cis-Chlordane		ug/kg	U	4.9	4.9
15SB3 18-20	BK41664	SW8081	12/23/15	2	trans-Chlordane		ug/kg	U	4.9	4.9
15SB3 18-20	BK41664	SW8081	12/23/15	2	Endrin Ketone		ug/kg	U	9.8	9.8
15SB3 18-20	BK41664	SW8081	12/23/15	2	Chlordane		ug/kg	U	49	49
15SB3 18-20	BK41664	SW8081	12/23/15	2	Gamma Bhc (Lindane)		ug/kg	U	2.0	2.0
15SB3 18-20	BK41664	SW8081	12/23/15	2	Dieldrin		ug/kg	U	4.9	4.9
15SB3 18-20	BK41664	SW8081	12/23/15	2	Endrin		ug/kg	U	9.8	9.8
15SB3 18-20	BK41664	SW8081	12/23/15	2	P,P'-DDD		ug/kg	U	2.9	2.9
15SB3 18-20	BK41664	SW8081	12/23/15	2	P,P'-DDE		ug/kg	U	2.9	2.9
15SB3 18-20	BK41664	SW8081	12/23/15	2	Endrin Aldehyde		ug/kg	U	9.8	9.8
15SB3 18-20	BK41664	SW8081	12/23/15	2	Heptachlor		ug/kg	U	9.8	9.8
15SB3 18-20	BK41664	SW8081	12/23/15	2	Toxaphene		ug/kg	U	200	200
15SB3 18-20	BK41664	SW8081	12/23/15	2	Alpha Endosulfan		ug/kg	U	9.8	9.8
15SB3 18-20	BK41664	SW8081	12/23/15	2	P,P'-DDT		ug/kg	U	2.9	2.9
15SB3 18-20	BK41664	SW8081	12/23/15	2	Methoxychlor		ug/kg	U	49	49
15SB3 18-20	BK41664	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	49	49
15SB3 18-20	BK41664	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	49	49
15SB3 18-20	BK41664	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	49	49
15SB3 18-20	BK41664	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	49	49
15SB3 18-20	BK41664	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	49	49
15SB3 18-20	BK41664	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	49	49
15SB3 18-20	BK41664	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	49	49
15SB3 18-20	BK41664	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	49	49
15SB3 18-20	BK41664	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	49	49
15SB3 18-20	BK41664	SW8141	12/29/15	1	Malathion		ug/kg	U	50	50
15SB3 18-20	BK41664	SW8141	12/29/15	1	Simazine		ug/kg	U	50	50
15SB3 18-20	BK41664	SW8141	12/29/15	1	Alachlor		ug/kg	U	50	50
15SB3 18-20	BK41664	SW8141	12/29/15	1	Atrazine		ug/kg	U	50	50
15SB3 18-20	BK41664	SW8141	12/29/15	1	Disulfoton		ug/kg	U	50	50
15SB3 18-20	BK41664	SW8141	12/29/15	1	Diazinon		ug/kg	U	50	50
15SB3 18-20	BK41664	SW8141	12/29/15	1	Azinphos, Methyl (Guthion)		ug/kg	UJ	50	50
15SB3 18-20	BK41664	SW8151	12/21/15	10	Dichloroprop		ug/kg	U	120	120
15SB3 18-20	BK41664	SW8151	12/21/15	10	Dicamba		ug/kg	U	250	250
15SB3 18-20	BK41664	SW8151	12/21/15	10	Dalapon		ug/kg	U	120	120
15SB3 18-20	BK41664	SW8151	12/21/15	10	Dinoseb		ug/kg	U	250	250
15SB3 18-20	BK41664	SW8151	12/21/15	10	Silvex (2,4,5-TP)		ug/kg	U	120	120
15SB3 18-20	BK41664	SW8151	12/21/15	10	Acetic acid, (2,4,5-trichlorophenoxy)-		ug/kg	U	120	120



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 18-20	BK41664	SW8151	12/21/15	10	2,4-D (Dichlorophenoxyacetic Acid)		ug/kg	U	120	120
15SB3 18-20	BK41664	SW8151	12/21/15	10	2,4-(Dichlorophenoxy)butyric acid		ug/kg	U	1200	1200
15SB3 18-20	BK41664	SW8260	12/19/15	1	Ethylbenzene		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Styrene		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	1,2-Dichloroethane		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	8.8	44
15SB3 18-20	BK41664	SW8260	12/19/15	1	Toluene		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Chlorobenzene		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	70	100
15SB3 18-20	BK41664	SW8260	12/19/15	1	Dibromochloromethane		ug/kg	U	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Tetrachloroethylene (PCE)		ug/kg	U	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	1,3-Dichloropropane		ug/kg	U	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	m,p-Xylene		ug/kg	U	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Carbon Tetrachloride		ug/kg	U	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	1,1-Dichloropropene		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	2-Hexanone		ug/kg	U	8.8	44
15SB3 18-20	BK41664	SW8260	12/19/15	1	2,2-Dichloropropane		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	1.8	35
15SB3 18-20	BK41664	SW8260	12/19/15	1	Chloroform		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Benzene		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	1,1,1-Trichloroethane		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Dibromomethane		ug/kg	U	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Bromochloromethane		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Chloroethane		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Bromoform		ug/kg	U	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Bromodichloromethane		ug/kg	U	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Tert-Butyl Alcohol		ug/kg	U	35	180
15SB3 18-20	BK41664	SW8260	12/19/15	1	Trichlorofluoromethane		ug/kg	U	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	1,2-Dichloropropane		ug/kg	U	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	1,1,2-Trichloroethane		ug/kg	U	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Trichloroethylene (TCE)		ug/kg	U	0.88	8.8



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 18-20	BK41664	SW8260	12/19/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/21/15	50	N-Propylbenzene		ug/kg	UJ	100	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	4-Chlorotoluene		ug/kg	UJ	57	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	1,4-Dichlorobenzene		ug/kg	UJ	57	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	UJ	57	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	Bromobenzene		ug/kg	UJ	57	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	Trans-1,4-Dichloro-2-Butene		ug/kg	UJ	290	1100
15SB3 18-20	BK41664	SW8260	12/21/15	50	Sec-Butylbenzene		ug/kg	UJ	57	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	O-Cymene (O-Isopropyltoluene)		ug/kg	U	57	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	1,3-Dichlorobenzene		ug/kg	UJ	57	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	1,1,2,2-Tetrachloroethane		ug/kg	UJ	110	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	Hexachlorobutadiene		ug/kg	UJ	57	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	1,2-Dichlorobenzene		ug/kg	UJ	57	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	1,2,4-Trimethylbenzene		ug/kg	UJ	57	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	1,2-Dibromo-3-Chloropropane		ug/kg	UJ	110	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	1,2,3-Trichloropropane		ug/kg	UJ	57	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	T-Butylbenzene		ug/kg	UJ	57	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	Isopropylbenzene (Cumene)		ug/kg	UJ	57	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	Cymene		ug/kg	U	57	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	N-Butylbenzene		ug/kg	UJ	57	570
15SB3 18-20	BK41664	SW8260	12/19/15	1	Bromomethane		ug/kg	U	3.5	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Acrolein		ug/kg	U	4.4	35
15SB3 18-20	BK41664	SW8260	12/21/15	50	2-Chlorotoluene		ug/kg	UJ	110	570
15SB3 18-20	BK41664	SW8260	12/19/15	1	Acrylonitrile		ug/kg	UJ	0.88	35
15SB3 18-20	BK41664	SW8260	12/19/15	1	Tetrahydrofuran		ug/kg	UJ	4.4	18
15SB3 18-20	BK41664	SW8260	12/19/15	1	Tert-Butyl Methyl Ether	1.9	ug/kg	J	1.8	18
15SB3 18-20	BK41664	SW8260	12/19/15	1	Vinyl Chloride		ug/kg	UJ	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Methylene Chloride		ug/kg	UJ	8.8	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Carbon Disulfide		ug/kg	UJ	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	1,1-Dichloroethane		ug/kg	UJ	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	1,1-Dichloroethene		ug/kg	UJ	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Dichlorodifluoromethane		ug/kg	UJ	0.88	8.8
15SB3 18-20	BK41664	SW8260	12/19/15	1	Methyl Ethyl Ketone (2-Butanone)	37	ug/kg	J	8.8	53
15SB3 18-20	BK41664	SW8260	12/21/15	50	1,2,4-Trichlorobenzene		ug/kg	UJ	110	570
15SB3 18-20	BK41664	SW8260	12/21/15	50	1,2,3-Trichlorobenzene		ug/kg	UJ	110	570
15SB3 18-20	BK41664	SW8260	12/19/15	1	Chloromethane		ug/kg	UJ	1.8	8.8
15SB3 18-20	BK41664	SW8260	12/21/15	50	Naphthalene		ug/kg	UJ	110	570



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 18-20	BK41664	SW8260	12/19/15	1	Acetone	170	ug/kg	J	8.8	88
15SB3 18-20	BK41664	SW8270	12/21/15	1	4-Nitroaniline		ug/kg	UJ	160	990
15SB3 18-20	BK41664	SW8270	12/21/15	1	4-Nitrophenol		ug/kg	UJ	220	490
15SB3 18-20	BK41664	SW8270	12/21/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	140	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	2,4-Dimethylphenol		ug/kg	U	120	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	150	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	4-Chloroaniline		ug/kg	U	230	390
15SB3 18-20	BK41664	SW8270	12/21/15	1	Phenol		ug/kg	U	160	330
15SB3 18-20	BK41664	SW8270	12/21/15	1	Pyridine		ug/kg	UJ	120	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	130	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	140	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	140	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Di-N-Octylphthalate		ug/kg	U	130	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Hexachlorobenzene		ug/kg	U	140	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Anthracene		ug/kg	U	160	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	150	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	2,4-Dichlorophenol		ug/kg	U	170	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	2,4-Dinitrotoluene		ug/kg	UJ	190	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	1,2-Diphenylhydrazine		ug/kg	U	160	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Pyrene		ug/kg	U	170	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Dimethyl Phthalate		ug/kg	UJ	150	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Dibenzofuran		ug/kg	UJ	140	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Benzo(G,H,I)Perylene		ug/kg	U	160	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	160	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Benzo(B)Fluoranthene		ug/kg	U	170	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Fluoranthene		ug/kg	U	160	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Benzo(K)Fluoranthene		ug/kg	U	160	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Acenaphthylene		ug/kg	UJ	140	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Chrysene		ug/kg	U	170	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	140	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Benzo(A)Pyrene		ug/kg	U	160	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	2,4-Dinitrophenol		ug/kg	R	340	990
15SB3 18-20	BK41664	SW8270	12/21/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	530	2500
15SB3 18-20	BK41664	SW8270	12/21/15	1	Dibenz(A,H)Anthracene		ug/kg	U	160	330
15SB3 18-20	BK41664	SW8270	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	150	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Benzo(A)Anthracene		ug/kg	U	170	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	4-Chloro-3-Methylphenol		ug/kg	U	170	340



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 18-20	BK41664	SW8270	12/21/15	1	2,6-Dinitrotoluene		ug/kg	UJ	160	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	160	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Aniline		ug/kg	U	390	390
15SB3 18-20	BK41664	SW8270	12/21/15	1	N-Nitrosodimethylamine		ug/kg	UJ	140	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Benzoic Acid		ug/kg	R	990	2500
15SB3 18-20	BK41664	SW8270	12/21/15	1	Hexachloroethane		ug/kg	U	150	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	UJ	170	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	150	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Isophorone		ug/kg	U	140	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Pentachloronitrobenzene		ug/kg	U	180	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Acenaphthene		ug/kg	UJ	150	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Diethyl Phthalate		ug/kg	UJ	160	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Di-N-Butyl Phthalate		ug/kg	U	130	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Phenanthrene		ug/kg	U	140	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Benzyl Butyl Phthalate		ug/kg	U	130	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	N-Nitrosodiphenylamine		ug/kg	UJ	190	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Fluorene		ug/kg	UJ	160	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Carbazole		ug/kg	U	370	2500
15SB3 18-20	BK41664	SW8270	12/21/15	1	Hexachlorobutadiene		ug/kg	U	180	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Pentachlorophenol		ug/kg	UJ	190	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	2,4,6-Trichlorophenol		ug/kg	U	160	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	2-Nitroaniline		ug/kg	UJ	500	990
15SB3 18-20	BK41664	SW8270	12/21/15	1	2-Nitrophenol		ug/kg	U	310	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Naphthalene		ug/kg	U	140	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	2-Methylnaphthalene		ug/kg	U	150	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	2-Chloronaphthalene		ug/kg	UJ	140	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	3,3'-Dichlorobenzidine		ug/kg	U	230	990
15SB3 18-20	BK41664	SW8270	12/21/15	1	Benzidine		ug/kg	UJ	290	990
15SB3 18-20	BK41664	SW8270	12/21/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	230	330
15SB3 18-20	BK41664	SW8270	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	140	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	2-Chlorophenol		ug/kg	U	140	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	170	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	2,4,5-Trichlorophenol		ug/kg	U	270	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Acetophenone		ug/kg	U	150	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	Nitrobenzene		ug/kg	U	170	340
15SB3 18-20	BK41664	SW8270	12/21/15	1	3-Nitroaniline		ug/kg	UJ	990	990
15SB3 18-20	BK41664	SW8270	12/21/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	190	340



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41655**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB3 18-20	BK41664	SW9012	12/21/15	1	Cyanide		mg/kg	U	0.23	0.45
15SB5 22-24	BK41665	SW6010	12/21/15	10	Aluminum	6360	mg/kg		6.0	30
15SB5 22-24	BK41665	SW6010	12/21/15	10	Iron	21900	mg/kg	J+	30	30
15SB5 22-24	BK41665	SW6010	12/22/15	1	Lead	8.8	mg/kg	U	0.30	0.6
15SB5 22-24	BK41665	SW6010	12/22/15	1	Magnesium	2960	mg/kg		3.0	3.0
15SB5 22-24	BK41665	SW6010	12/22/15	1	Manganese	72.7	mg/kg		0.30	0.30
15SB5 22-24	BK41665	SW6010	12/22/15	1	Nickel	14.1	mg/kg		0.30	0.30
15SB5 22-24	BK41665	SW6010	12/22/15	1	Potassium	1610	mg/kg	J+	2.3	6
15SB5 22-24	BK41665	SW6010	12/22/15	1	Silver		mg/kg	U	0.30	0.30
15SB5 22-24	BK41665	SW6010	12/22/15	1	Sodium	142	mg/kg		2.6	6
15SB5 22-24	BK41665	SW6010	12/22/15	1	Thallium		mg/kg	U	1.2	1.2
15SB5 22-24	BK41665	SW6010	12/22/15	1	Antimony		mg/kg	U	1.5	1.5
15SB5 22-24	BK41665	SW6010	12/22/15	1	Arsenic	5.3	mg/kg		0.60	0.6
15SB5 22-24	BK41665	SW6010	12/22/15	1	Barium	50.3	mg/kg		0.30	0.6
15SB5 22-24	BK41665	SW6010	12/22/15	1	Beryllium	0.45	mg/kg		0.12	0.24
15SB5 22-24	BK41665	SW6010	12/22/15	1	Cadmium	0.42	mg/kg		0.12	0.30
15SB5 22-24	BK41665	SW6010	12/22/15	1	Chromium, Total	16.2	mg/kg		0.30	0.30
15SB5 22-24	BK41665	SW6010	12/22/15	1	Cobalt	7.95	mg/kg		0.30	0.30
15SB5 22-24	BK41665	SW6010	12/22/15	1	Copper	13.5	mg/kg		0.30	0.30
15SB5 22-24	BK41665	SW6010	12/22/15	1	Vanadium	24.6	mg/kg		0.30	0.3
15SB5 22-24	BK41665	SW6010	12/22/15	1	Zinc	42.5	mg/kg		0.30	0.6
15SB5 22-24	BK41665	SW6010	12/22/15	1	Calcium	1190	mg/kg		2.8	3.0
15SB5 22-24	BK41665	SW6010	12/22/15	1	Selenium		mg/kg	U	1.0	1.2
15SB5 22-24	BK41665	SW7471	12/22/15	1	Mercury		mg/kg	U	0.01	0.02
15SB5 22-24	BK41665	SW8081	12/20/15	2	Heptachlor Epoxide		ug/kg	U	6.5	6.5
15SB5 22-24	BK41665	SW8081	12/20/15	2	Endosulfan Sulfate		ug/kg	U	6.5	6.5
15SB5 22-24	BK41665	SW8081	12/20/15	2	Aldrin		ug/kg	U	3.3	3.3
15SB5 22-24	BK41665	SW8081	12/20/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	6.5	6.5
15SB5 22-24	BK41665	SW8081	12/20/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	6.5	6.5
15SB5 22-24	BK41665	SW8081	12/20/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	6.5	6.5
15SB5 22-24	BK41665	SW8081	12/20/15	2	Beta Endosulfan		ug/kg	U	6.5	6.5
15SB5 22-24	BK41665	SW8081	12/20/15	2	cis-Chlordane		ug/kg	UJ	3.3	3.3
15SB5 22-24	BK41665	SW8081	12/20/15	2	trans-Chlordane		ug/kg	U	3.3	3.3
15SB5 22-24	BK41665	SW8081	12/20/15	2	Endrin Ketone		ug/kg	U	6.5	6.5
15SB5 22-24	BK41665	SW8081	12/20/15	2	Chlordane		ug/kg	U	33	33
15SB5 22-24	BK41665	SW8081	12/20/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.3	1.3
15SB5 22-24	BK41665	SW8081	12/20/15	2	Dieldrin		ug/kg	U	3.3	3.3



**65 ECKFORD STREET
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 22-24	BK41665	SW8081	12/20/15	2	Endrin		ug/kg	U	6.5	6.5
15SB5 22-24	BK41665	SW8081	12/20/15	2	P,P'-DDD		ug/kg	U	2.0	2.0
15SB5 22-24	BK41665	SW8081	12/20/15	2	P,P'-DDE		ug/kg	U	2.0	2.0
15SB5 22-24	BK41665	SW8081	12/20/15	2	Endrin Aldehyde		ug/kg	U	6.5	6.5
15SB5 22-24	BK41665	SW8081	12/20/15	2	Heptachlor		ug/kg	U	6.5	6.5
15SB5 22-24	BK41665	SW8081	12/20/15	2	Toxaphene		ug/kg	U	130	130
15SB5 22-24	BK41665	SW8081	12/20/15	2	Alpha Endosulfan		ug/kg	U	6.5	6.5
15SB5 22-24	BK41665	SW8081	12/20/15	2	P,P'-DDT		ug/kg	UJ	2.0	2.0
15SB5 22-24	BK41665	SW8081	12/20/15	2	Methoxychlor		ug/kg	UJ	33	33
15SB5 22-24	BK41665	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	33	33
15SB5 22-24	BK41665	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	33	33
15SB5 22-24	BK41665	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	33	33
15SB5 22-24	BK41665	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	33	33
15SB5 22-24	BK41665	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	33	33
15SB5 22-24	BK41665	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	33	33
15SB5 22-24	BK41665	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	33	33
15SB5 22-24	BK41665	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	33	33
15SB5 22-24	BK41665	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	33	33
15SB5 22-24	BK41665	SW8141	12/29/15	1	Malathion		ug/kg	U	32	32
15SB5 22-24	BK41665	SW8141	12/29/15	1	Simazine		ug/kg	U	32	32
15SB5 22-24	BK41665	SW8141	12/29/15	1	Alachlor		ug/kg	U	32	32
15SB5 22-24	BK41665	SW8141	12/29/15	1	Atrazine		ug/kg	U	32	32
15SB5 22-24	BK41665	SW8141	12/29/15	1	Disulfoton		ug/kg	U	32	32
15SB5 22-24	BK41665	SW8141	12/29/15	1	Diazinon		ug/kg	U	32	32
15SB5 22-24	BK41665	SW8141	12/29/15	1	Azinphos, Methyl (Guthion)		ug/kg	UJ	32	32
15SB5 22-24	BK41665	SW8151	12/21/15	10	Dichloroprop		ug/kg	U	82	82
15SB5 22-24	BK41665	SW8151	12/21/15	10	Dicamba		ug/kg	U	160	160
15SB5 22-24	BK41665	SW8151	12/21/15	10	Dalapon		ug/kg	U	82	82
15SB5 22-24	BK41665	SW8151	12/21/15	10	Dinoseb		ug/kg	U	160	160
15SB5 22-24	BK41665	SW8151	12/21/15	10	Silvex (2,4,5-TP)		ug/kg	U	82	82
15SB5 22-24	BK41665	SW8151	12/21/15	10	Acetic acid, (2,4,5-trichlorophenoxy)-		ug/kg	U	82	82
15SB5 22-24	BK41665	SW8151	12/21/15	10	2,4-D (Dichlorophenoxyacetic Acid)		ug/kg	U	82	82
15SB5 22-24	BK41665	SW8151	12/21/15	10	2,4-(Dichlorophenoxy)butyric acid		ug/kg	U	820	820
15SB5 22-24	BK41665	SW8260	12/19/15	1	Ethylbenzene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Styrene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.40	4.0



**65 ECKFORD STREET
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 22-24	BK41665	SW8260	12/19/15	1	N-Propylbenzene		ug/kg	U	0.72	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	N-Butylbenzene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	4-Chlorotoluene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Acrolein		ug/kg	U	2.0	16
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,2-Dichloroethane		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	4.0	20
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Bromobenzene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Toluene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Chlorobenzene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	2.0	8.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	32	80
15SB5 22-24	BK41665	SW8260	12/19/15	1	Dibromochloromethane		ug/kg	U	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Tetrachloroethylene (PCE)		ug/kg	U	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Sec-Butylbenzene	2.0	ug/kg	J	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,3-Dichloropropane		ug/kg	U	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	m,p-Xylene		ug/kg	U	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	O-Cymene (O-Isopropyltoluene)	0.92	ug/kg	J	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Carbon Tetrachloride		ug/kg	U	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,1-Dichloropropene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	2-Hexanone		ug/kg	U	4.0	20
15SB5 22-24	BK41665	SW8260	12/19/15	1	2,2-Dichloropropane		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	0.80	16
15SB5 22-24	BK41665	SW8260	12/19/15	1	Chloroform		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Benzene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,1,1-Trichloroethane		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Bromomethane		ug/kg	U	1.6	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Dibromomethane		ug/kg	U	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Bromochloromethane		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Chloroethane		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Bromoform		ug/kg	U	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Bromodichloromethane		ug/kg	U	0.80	4.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 22-24	BK41665	SW8260	12/19/15	1	Tert-Butyl Alcohol		ug/kg	U	16	80
15SB5 22-24	BK41665	SW8260	12/19/15	1	Trichlorofluoromethane		ug/kg	U	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,2-Dichloropropane		ug/kg	U	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,1,2-Trichloroethane		ug/kg	U	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Trichloroethylene (TCE)		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Hexachlorobutadiene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	2-Chlorotoluene		ug/kg	U	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,2,4-Trimethylbenzene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,2,3-Trichloropropane		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	T-Butylbenzene	0.60	ug/kg	J	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Isopropylbenzene (Cumene)		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Cymene		ug/kg	U	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Acrylonitrile		ug/kg	UJ	0.40	16
15SB5 22-24	BK41665	SW8260	12/19/15	1	Tetrahydrofuran		ug/kg	UJ	2.0	8.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	UJ	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Tert-Butyl Methyl Ether		ug/kg	UJ	0.80	8.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Chloromethane		ug/kg	UJ	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Vinyl Chloride		ug/kg	UJ	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Methylene Chloride		ug/kg	UJ	4.0	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Carbon Disulfide	3.1	ug/kg	J	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,1-Dichloroethane		ug/kg	UJ	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,1-Dichloroethene		ug/kg	UJ	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Dichlorodifluoromethane		ug/kg	UJ	0.40	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Methyl Ethyl Ketone (2-Butanone)	11	ug/kg	J	4.0	24
15SB5 22-24	BK41665	SW8260	12/19/15	1	1,2,3-Trichlorobenzene		ug/kg	UJ	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Naphthalene		ug/kg	UJ	0.80	4.0
15SB5 22-24	BK41665	SW8260	12/19/15	1	Acetone	47	ug/kg	J	4.0	40
15SB5 22-24	BK41665	SW8270	12/21/15	1	4-Nitroaniline		ug/kg	U	110	650
15SB5 22-24	BK41665	SW8270	12/21/15	1	4-Nitrophenol		ug/kg	U	150	330
15SB5 22-24	BK41665	SW8270	12/21/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	96	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	2,4-Dimethylphenol		ug/kg	U	81	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	96	230



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 22-24	BK41665	SW8270	12/21/15	1	4-Chloroaniline		ug/kg	U	150	260
15SB5 22-24	BK41665	SW8270	12/21/15	1	Phenol		ug/kg	U	100	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Pyridine		ug/kg	U	80	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	88	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	90	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	94	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Di-N-Octylphthalate		ug/kg	U	84	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Hexachlorobenzene		ug/kg	U	95	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Anthracene		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	98	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	2,4-Dichlorophenol		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	2,4-Dinitrotoluene		ug/kg	U	130	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	1,2-Diphenylhydrazine		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Pyrene		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Dimethyl Phthalate		ug/kg	U	100	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Dibenzofuran		ug/kg	U	95	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Benzo(G,H,I)Perylene		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Benzo(B)Fluoranthene		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Fluoranthene		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Benzo(K)Fluoranthene		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Acenaphthylene		ug/kg	U	91	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Chrysene		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	90	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Benzo(A)Pyrene		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	2,4-Dinitrophenol		ug/kg	R	230	650
15SB5 22-24	BK41665	SW8270	12/21/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	350	1600
15SB5 22-24	BK41665	SW8270	12/21/15	1	Dibenz(A,H)Anthracene		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	96	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Benzo(A)Anthracene		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	4-Chloro-3-Methylphenol		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	2,6-Dinitrotoluene		ug/kg	U	100	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Aniline		ug/kg	U	260	260
15SB5 22-24	BK41665	SW8270	12/21/15	1	N-Nitrosodimethylamine		ug/kg	U	92	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Benzoic Acid		ug/kg	R	650	1600
15SB5 22-24	BK41665	SW8270	12/21/15	1	Hexachloroethane		ug/kg	U	98	230



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41655**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB5 22-24	BK41665	SW8270	12/21/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	100	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Isophorone		ug/kg	U	91	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Pentachloronitrobenzene		ug/kg	U	120	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Acenaphthene		ug/kg	U	99	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Diethyl Phthalate		ug/kg	U	100	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Di-N-Butyl Phthalate		ug/kg	U	87	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Phenanthrene		ug/kg	U	93	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Benzyl Butyl Phthalate		ug/kg	U	84	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	N-Nitrosodiphenylamine		ug/kg	U	120	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Fluorene		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Carbazole		ug/kg	U	250	1600
15SB5 22-24	BK41665	SW8270	12/21/15	1	Hexachlorobutadiene		ug/kg	U	120	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Pentachlorophenol		ug/kg	UJ	120	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	2,4,6-Trichlorophenol		ug/kg	U	100	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	2-Nitroaniline		ug/kg	U	330	650
15SB5 22-24	BK41665	SW8270	12/21/15	1	2-Nitrophenol		ug/kg	U	210	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Naphthalene		ug/kg	U	94	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	2-Methylnaphthalene		ug/kg	U	97	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	2-Chloronaphthalene		ug/kg	U	92	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	3,3'-Dichlorobenzidine		ug/kg	U	150	650
15SB5 22-24	BK41665	SW8270	12/21/15	1	Benzidine		ug/kg	UJ	190	650
15SB5 22-24	BK41665	SW8270	12/21/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	150	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	92	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	2-Chlorophenol		ug/kg	U	92	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	2,4,5-Trichlorophenol		ug/kg	U	180	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Acetophenone		ug/kg	U	100	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	Nitrobenzene		ug/kg	U	110	230
15SB5 22-24	BK41665	SW8270	12/21/15	1	3-Nitroaniline		ug/kg	U	650	650
15SB5 22-24	BK41665	SW8270	12/21/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	130	230
15SB5 22-24	BK41665	SW9012	12/21/15	1	Cyanide		mg/kg	U	0.25	0.50

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-022
SDG #: GBK41633
Client: Environmental Business Consultants
Date: 2/11/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for twenty-two (22) 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 12/17/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/18/2015 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
15 SB2 0-2	BK41633	12/17/15	SVO	Soil	
15 SB2 11-13	BK41634	12/17/15	SVO	Soil	
15 SB2 18-20	BK41635	12/17/15	SVO	Soil	
15 SB4 0-2	BK41636	12/17/15	SVO	Soil	
15 SB4 11-13	BK41637	12/17/15	SVO	Soil	
15 SB4 18-20	BK41638	12/17/15	SVO	Soil	
15 SB6 0-2	BK41639	12/17/15	SVO	Soil	
15 SB6 11-13	BK41640	12/17/15	SVO	Soil	
15 SB6 18-20	BK41641	12/17/15	SVO	Soil	
SOIL DUPLICATE	BK41642	12/17/15	SVO	Soil	Field Duplicate for Sample 15 SB2 0-2
15 SB10 0-2	BK41643	12/17/15	SVO	Soil	
15 SB7 0-2	BK41644	12/17/15	SVO	Soil	
15 SB7 11-13	BK41645	12/17/15	SVO	Soil	
15 SB7 18-20	BK41646	12/17/15	SVO	Soil	
15 SB8 0-2	BK41647	12/17/15	SVO	Soil	
15 SB8 11-13	BK41648	12/17/15	SVO	Soil	
15 SB8 18-20	BK41649	12/17/15	SVO	Soil	
15 SB9 0-2	BK41650	12/17/15	SVO	Soil	
15 SB9 11-13	BK41651	12/17/15	SVO	Soil	
15 SB9 18-20	BK41652	12/17/15	SVO	Soil	
15 SB10 11-13	BK41653	12/17/15	SVO	Soil	
15 SB10 18-20	BK41654	12/17/15	SVO	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 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 12/17/2015 (CHEM19) exhibited acceptable %RSDs ($\leq 40.0\%$) 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 12/18/2015 @ 23:04 (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.
2. CCV analyzed on 12/19/2015 @ 10:21 (CHEM19) exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$ with the following exception(s):

Compound	%D
Hexachlorocyclopentadiene	59.5
2,4-Dinitrophenol ⁽¹⁾	87.7
4,6-Dinitro-2-methylphenol	71.0

(1) Results were qualified due to low LCS recovery.

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB2 0-2	BK41633	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB2 11-13	BK41634	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB2 18-20	BK41635	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB4 0-2	BK41636	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB4 11-13	BK41637	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB4 18-20	BK41638	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB6 0-2	BK41639	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB6 11-13	BK41640	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB6 18-20	BK41641	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
SOIL DUPLICATE	BK41642	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB10 0-2	BK41643	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB7 0-2	BK41644	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB7 11-13	BK41645	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB7 18-20	BK41646	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB8 0-2	BK41647	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB8 11-13	BK41648	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB8 18-20	BK41649	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB9 0-2	BK41650	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB9 11-13	BK41651	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R
15 SB9 18-20	BK41652	Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol 2,4-Dinitrophenol	UJ R

3. CCV analyzed on 12/21/2015 @ 08:54 (CHEM19) exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$ with the following exception(s):

Compound	%D
Bis(2-chloroisopropyl)ether	-25.8

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB10 11-13	BK41653	Bis(2-chloroisopropyl)ether	UJ
15 SB10 18-20	BK41654	Bis(2-chloroisopropyl)ether	UJ

4. CCV analyzed on 12/21/2015 @ 20:17 (CHEM19) exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$ with the following exception(s):

Compound	%D
Hexachlorocyclopentadiene	63.7

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB10 11-13	BK41653	Hexachlorocyclopentadiene	UJ
15 SB10 18-20	BK41654	Hexachlorocyclopentadiene	UJ

Surrogates:

1. Surrogate %REC values were within the QC acceptance limits with the following exception(s):

Client Sample ID	Laboratory Sample ID	Surrogate	Compound	Action
15 SB4 11-13	BK41637	Nitrobenzene-d5 (144 %)	2,4-Dichlorophenol, 1,2,4-Trichlorobenzene, Nitrobenzene, Naphthalene, 4-Chloroaniline, Isophorone, 2-Nitrophenol, 2,4-Dimethylphenol, Bis(2-chloroethoxy)methane Hexachlorobutadiene, 4-Chloro-3-methylphenol, 2-Methylnaphthalene, Hexachlorocyclopentadiene, 1,2,4,5-Tetrachlorobenzene 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol Benzoic Acid	UJ UJ UJ UJ UJ UJ UJ UJ UJ R ⁽¹⁾
SOIL DUPLICATE	BK41642	2-Fluorophenol (23 %)	N-Nitrosodiphenylamine, Pyridine	UJ
15 SB8 11-13	BK41648	Nitrobenzene-d5 (131 %)	2,4-Dichlorophenol, 1,2,4-Trichlorobenzene, Nitrobenzene, Naphthalene, 4-Chloroaniline, Isophorone, 2-Nitrophenol, 2,4-Dimethylphenol, Bis(2-chloroethoxy)methane Hexachlorobutadiene, 4-Chloro-3-methylphenol, 2-Methylnaphthalene, Hexachlorocyclopentadiene, 1,2,4,5-Tetrachlorobenzene 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol	UJ UJ UJ UJ UJ UJ UJ UJ UJ

			Benzoic Acid	R ⁽¹⁾

(1) Results for this compound were qualified as rejected due to very low LCS recovery.

Internal Standard (IS) Area Performance:

1. 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):

1. Method Blank (BK41633 BLANK) associated with the soil samples extracted on 12/18/2015 and analyzed on 12/18/2015 was free of contamination. No qualifications were required.
2. Method Blank (BK41665 BLANK) associated with the soil samples extracted on 12/18/2015 and analyzed on 12/21/2015 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: BK41633 were analyzed on 12/18/2015. All %RECs/RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Pyridine	21/25/A	15 SB2 0-2, 15 SB2 11-13, 15 SB4 0-2, 15 SB4 11-13, 15 SB7 0-2, 15 SB2 18-20, 15 SB4 18-20, 15 SB6 0-2, 15 SB6 11-13, 15 SB6 18-20, SOIL DUPLICATE, 15 SB10 0-2, 15 SB7 11-13, 15 SB8 11-13, 15 SB9 0-2, 15 SB8 0-2, 15 SB9 11-13, 15 SB9 18-20, 15 SB7 18-20, 15 SB8 18-20	UJ
Benzoic Acid	6/3/80.0	15 SB2 0-2, 15 SB2 11-13, 15 SB4 0-2, 15 SB4 11-13, 15 SB7 0-2, 15 SB2 18-20, 15 SB4 18-20, 15 SB6 0-2, 15 SB6 11-13, 15 SB6 18-20, SOIL DUPLICATE, 15 SB10 0-2, 15 SB7 11-13, 15 SB8 11-13, 15 SB9 0-2, 15 SB8 0-2, 15 SB9 11-13, 15 SB9 18-20, 15 SB7 18-20, 15 SB8 18-20	R
2,4-Dinitrophenol	13/3/121.0	15 SB2 0-2, 15 SB2 11-13, 15 SB4 0-2, 15 SB4 11-13, 15 SB7 0-2, 15 SB2 18-20, 15 SB4 18-20, 15 SB6 0-2, 15 SB6 11-13,	R

Compound	%R/%R/RPD	Sample Affected	Action
		15 SB6 18-20, SOIL DUPLICATE, 15 SB10 0-2, 15 SB7 11-13, 15 SB8 11-13, 15 SB9 0-2, 15 SB8 0-2, 15 SB9 11-13, 15 SB9 18-20, 15 SB7 18-20, 15 SB8 18-20	
4,6-Dinitro-2-methylphenol	A/18/53.1	15 SB2 0-2, 15 SB2 11-13, 15 SB4 0-2, 15 SB4 11-13, 15 SB7 0-2, 15 SB2 18-20, 15 SB4 18-20, 15 SB6 0-2, 15 SB6 11-13, 15 SB6 18-20, SOIL DUPLICATE, 15 SB10 0-2, 15 SB7 11-13, 15 SB8 11-13, 15 SB9 0-2, 15 SB8 0-2, 15 SB9 11-13, 15 SB9 18-20, 15 SB7 18-20, 15 SB8 18-20	UJ ⁽¹⁾
Pentachlorophenol	A/A/39.0	15 SB2 0-2, 15 SB2 11-13, 15 SB4 0-2, 15 SB4 11-13, 15 SB7 0-2, 15 SB2 18-20, 15 SB4 18-20, 15 SB6 0-2, 15 SB6 11-13, 15 SB6 18-20, SOIL DUPLICATE, 15 SB10 0-2, 15 SB7 11-13, 15 SB8 11-13, 15 SB9 0-2, 15 SB8 0-2, 15 SB9 11-13, 15 SB9 18-20, 15 SB7 18-20, 15 SB8 18-20	UJ
Benzidine	A/A/56.2	15 SB2 0-2 15 SB2 11-13, 15 SB4 0-2, 15 SB4 11-13, 15 SB7 0-2, 15 SB2 18-20, 15 SB4 18-20, 15 SB6 0-2, 15 SB6 11-13, 15 SB6 18-20, SOIL DUPLICATE, 15 SB10 0-2, 15 SB7 11-13, 15 SB8 11-13, 15 SB9 0-2, 15 SB8 0-2, 15 SB9 11-13, 15 SB9 18-20, 15 SB7 18-20, 15 SB8 18-20	R ⁽²⁾ UJ UJ UJ UJ UJ UJ

A= Acceptable

(1) Results for these compounds were previously qualified for CCV criteria.

(2) Result for this compound was qualified as rejected due to low MS/MSD recovery.

- Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) associated with Batch ID: BK41665 were analyzed on 12/21/2015. All %RECs/RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Benzoic Acid	0/0/NC	15 SB10 18-20, 15 SB10 11-13	R
2,4-Dinitrophenol	5/0/NC	15 SB10 18-20, 15 SB10 11-13	R
4,6-Dinitro-2-methylphenol	27/22/A	15 SB10 18-20, 15 SB10 11-13	UJ
Pentachlorophenol	A/A/35.9	15 SB10 18-20, 15 SB10 11-13	UJ ⁽¹⁾
Benzidine	A/A/43.0	15 SB10 18-20, 15 SB10 11-13	UJ

A= Acceptable

Field Duplicate:

1. Sample DUPLICATE (BK41642) was collected as a field duplicate of sample 15 SB2 0-2 (BK41633). All RPDs were <50% with the following exception(s):

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15 SB2 0-2	Benzo(a)anthracene	SW-846 8270	140	µg/L	Duplicate	370	µg/L	90.2	J
15 SB2 0-2	Benzo(a)pyrene	SW-846 8270	160	µg/L	Duplicate	380	µg/L	81.5	J
15 SB2 0-2	Benzo(b)fluoranthene	SW-846 8270	ND	µg/L	Duplicate	320	µg/L	NC	None
15 SB2 0-2	Benzo(g,h,i)perylene	SW-846 8270	ND	µg/L	Duplicate	240	µg/L	NC	None
15 SB2 0-2	Benzo(k)fluoranthene	SW-846 8270	140	µg/L	Duplicate	370	µg/L	90.2	J
15 SB2 0-2	Bis(2-Ethylhexyl)Phthalate	SW-846 8270	150	µg/L	Duplicate	170	µg/L	12.5	None
15 SB2 0-2	Chrysene	SW-846 8270	160	µg/L	Duplicate	430	µg/L	91.5	J
15 SB2 0-2	Di-N-Butyl Phthalate	SW-846 8270	160	µg/L	Duplicate	ND	µg/L	NC	None
15 SB2 0-2	Fluoranthene	SW-846 8270	210	µg/L	Duplicate	750	µg/L	112.5	J
15 SB2 0-2	Indeno(1,2,3-cd)pyrene	SW-846 8270	ND	µg/L	Duplicate	270	µg/L	NC	None
15 SB2 0-2	Phenanthrene	SW-846 8270	120	µg/L	Duplicate	600	µg/L	133.3	J
15 SB2 0-2	Pyrene	SW-846 8270	210	µg/L	Duplicate	730	µg/L	110.6	J

ND = Non-detect NC = Not calculated

Matrix Spike (MS)/Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 SB2 0-2 (BK41633). All %RECs/RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Action
Benzoic Acid	17/11/42.9	R ⁽¹⁾
Benzidine	A/9/110.0	R

A= Acceptable

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 >30%. 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: LCS (BK41633)

Pyrene

Sample weight= 15g

Volume purged=1.0ml

DF = 1

%Solids=NA

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{774876 \times 40 \times 1 \times 1000}{699567 \times 1.277 \times 15} = 2313.0271 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Pyrene	2313	2313	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: GBK41633.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK41633.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-022
SDG #: GBK41633
Client: Environmental Business Consultants
Date: 02/11/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for twenty-two (22) soil samples analyzed for Volatiles by SW-846 Method 8260C in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 12/17/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/18/2015 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
15 SB2 0-2	BK41633	12/17/15	VOC	Soil	
15 SB2 11-13	BK41634	12/17/15	VOC	Soil	
15 SB2 18-20	BK41635	12/17/15	VOC	Soil	
15 SB4 0-2	BK41636	12/17/15	VOC	Soil	
15 SB4 11-13	BK41637	12/17/15	VOC	Soil	
15 SB4 18-20	BK41638	12/17/15	VOC	Soil	
15 SB6 0-2	BK41639	12/17/15	VOC	Soil	
15 SB6 11-13	BK41640	12/17/15	VOC	Soil	
15 SB6 18-20	BK41641	12/17/15	VOC	Soil	
SOIL DUPLICATE	BK41642	12/17/15	VOC	Soil	
15 SB10 0-2	BK41643	12/17/15	VOC	Soil	
15 SB7 0-2	BK41644	12/17/15	VOC	Soil	Field Duplicate for Sample 15 SB2 0-2
15 SB7 11-13	BK41645	12/17/15	VOC	Soil	
15 SB7 18-20	BK41646	12/17/15	VOC	Soil	
15 SB8 0-2	BK41647	12/17/15	VOC	Soil	
15 SB8 11-13	BK41648	12/17/15	VOC	Soil	
15 SB8 18-20	BK41649	12/17/15	VOC	Soil	
15 SB9 0-2	BK41650	12/17/15	VOC	Soil	
15 SB9 11-13	BK41651	12/17/15	VOC	Soil	
15 SB9 18-20	BK41652	12/17/15	VOC	Soil	
15 SB10 11-13	BK41653	12/17/15	VOC	Soil	
15 SB10 18-20	BK41654	12/17/15	VOC	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 12/16/2015 (Chem26) 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
Acetone	A	35.2

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB2 0-2	BK41633	Acetone	UJ
15 SB2 11-13	BK41634	Acetone	UJ
15 SB2 18-20	BK41635	Acetone	J
15 SB4 0-2	BK41636	Acetone	J
15 SB4 11-13	BK41637	Acetone	UJ
15 SB4 18-20	BK41638	Acetone	J
15 SB6 0-2	BK41639	Acetone	UJ
15 SB6 11-13	BK41640	Acetone	UJ
15 SB6 18-20	BK41641	Acetone	J
SOIL DUPLICATE	BK41642	Acetone	UJ
15 SB10 0-2	BK41643	Acetone	UJ
15 SB7 0-2	BK41644	Acetone	UJ
15 SB7 11-13	BK41645	Acetone	UJ
15 SB7 18-20	BK41646	Acetone	UJ
15 SB8 0-2	BK41647	Acetone	J
15 SB8 11-13	BK41648	Acetone	UJ
15 SB8 18-20	BK41649	Acetone	UJ
15 SB9 0-2	BK41650	Acetone	UJ
15 SB9 11-13	BK41651	Acetone	J
15 SB9 18-20	BK41652	Acetone	J
15 SB10 11-13	BK41653	Acetone	UJ
15 SB10 18-20	BK41654	Acetone	J

Continuing Calibration Verification (CCV):

1. CCV analyzed on 12/21/2015 @ 08:53 (CHEM26) 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 12/21/2015 @ 19:26 (CHEM26) 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.
3. CCV analyzed on 12/22/2015 @ 06:15 (CHEM26) 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.
4. CCV analyzed on 12/22/2015 @ 16:06 (CHEM26) 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.
5. CCV analyzed on 12/22/2015 @ 19:54 (CHEM26) 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.
6. CCV analyzed on 12/23/2015 @ 07:03 (CHEM26) 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	%D
Dichlorodifluoromethane	34.3

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB6 0-2 (50x)	BK41639	Dichlorodifluoromethane	UJ
15 SB6 0-2 LL	BK41639	Dichlorodifluoromethane	UJ
15 SB6 11-13 (200x)	BK41640	Dichlorodifluoromethane	UJ
15 SB6 11-13 (2000x)	BK41640	Dichlorodifluoromethane	None
15 SB6 11-13 (1000x)	BK41640	Dichlorodifluoromethane	None
15 SB8 18-20 (50x)	BK41649	Dichlorodifluoromethane	None
15 SB9 11-13	BK41651	Dichlorodifluoromethane	None

Client Sample ID	Laboratory Sample ID	Compound	Action
(50x)			
15 SB9 18-20 (50x)	BK41652	Dichlorodifluoromethane	None
15 SB10 18-20 (50x)	BK41654	Dichlorodifluoromethane	None

- CCV analyzed on 12/23/2015 @ 08:28 (CHEM26) 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 12/23/2015 @ 19:33 (CHEM26) 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	%D
Dichlorodifluoromethane ⁽¹⁾	38.0
Chloromethane	23.1
Vinyl Chloride	21.9
Acetone	24.8

(1) Results were previously qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB8 18-20 LL	BK41649	Acetone Vinyl Chloride, Dichlorodifluoromethane, Chloromethane	UJ
15 SB9 18-20 LL	BK41652	Acetone Vinyl Chloride, Dichlorodifluoromethane, Chloromethane	J UJ
15 SB10 18-20 LL	BK41654	Acetone Vinyl Chloride, Dichlorodifluoromethane, Chloromethane	J UJ
15 SB10 11-13 (50x)	BK41653	Vinyl Chloride Acetone, Dichlorodifluoromethane, Chloromethane	J UJ
15 SB9 11-13 LL	BK41651	Acetone Vinyl Chloride, Dichlorodifluoromethane, Chloromethane	J UJ

Surrogates:

- 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	Compound	Action
15 SB2 11-13 (500x)	BK41634	BFB* (136%)	Positive hits – J Non-detects – None For compounds run at 500x dilution	J
15 SB8 18-20 LL	BK41649	BFB* (135%)	Positive hits – J Non-detects – None For compounds run at 1x dilution	J
15 SB10 11-13 (50x)	BK41653	BFB* (180%)	Positive hits – J Non-detects – None For compounds run at 50x dilution	J
15 SB7 11-13 (1000x)	BK41645	BFB* (138%)	None	None
15 SB8 0-2 LL	BK41647	BFB* (145%)	Positive hits – J Non-detects – None For compounds run at 1x dilution	J

* BFB = Bromofluorobenzene

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all three internal standards within the QC limits with the following exception(s):

Client Sample ID	Laboratory Sample ID	IS	Compound	Action
15 SB10 0-2	BK41643	1,4-Dichlorobenzene-d4 (low)	Isopropylbenzene bromobenzene, n-propylbenzene 1,1,2,2-tetrachloroethane, 2-chlorotoluene 1,3,5-trimethylbenzene, 1,2,3-trichloropropane Trans-1,4-dichloro-2-butene 4-chlorotoluene, tert-butylbenzene 1,2,4-trimethylbenzene, sec-butylbenzene p-Isopropyltoluene, 1,3-dichlorobenzene 1,4-dichlorobenzene, 2-isopropyltoluene n-butylbenzene, 1,2-dichlorobenzene 1,2-dibromo-3-chloropropane Hexachlorobutadiene, 1,2,4-trichlorobenzene Naphthalene, 1,2,3-trichlorobenzene	UJ
15 SB9 18-20 LL	BK41652	1,4-Dichlorobenzene-d4 (low)	Isopropylbenzene bromobenzene, n-propylbenzene 1,1,2,2-tetrachloroethane, 2-chlorotoluene 1,3,5-trimethylbenzene, 1,2,3-trichloropropane Trans-1,4-dichloro-2-butene	UJ UJ UJ UJ UJ

Client Sample ID	Laboratory Sample ID	IS	Compound	Action
			4-chlorotoluene, tert-butylbenzene 1,2,4-trimethylbenzene, p-Isopropyltoluene, 1,3-dichlorobenzene 1,4-dichlorobenzene, 2-isopropyltoluene n-butylbenzene, 1,2-dichlorobenzene 1,2-dibromo-3-chloropropane Hexachlorobutadiene, 1,2,4-trichlorobenzene Naphthalene, 1,2,3-trichlorobenzene sec-butylbenzene	UJ UJ UJ UJ UJ UJ UJ J
15 SB10 18-20	BK41654	1,4-Dichlorobenzene-d4 (low)	Isopropylbenzene bromobenzene, n-propylbenzene 1,1,2,2-tetrachloroethane, 2-chlorotoluene 1,3,5-trimethylbenzene, 1,2,3-trichloropropane Trans-1,4-dichloro-2-butene 4-chlorotoluene, tert-butylbenzene 1,2,4-trimethylbenzene, sec-butylbenzene p-Isopropyltoluene, 1,3-dichlorobenzene 1,4-dichlorobenzene, 2-isopropyltoluene n-butylbenzene, 1,2-dichlorobenzene 1,2-dibromo-3-chloropropane Hexachlorobutadiene, 1,2,4-trichlorobenzene Naphthalene, 1,2,3-trichlorobenzene	UJ

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BK39023 Blank) analyzed on 12/22/2015 was free of contamination. No qualifications were required.
2. Method Blank (BK40702 Blank) analyzed on 12/23/2015 was free of contamination. No qualifications were required.
3. Method Blank (BK41633 Blank) analyzed on 12/21/2015 was free of contamination. No qualifications were required.
4. Method Blank (BK41646 Blank) analyzed on 12/22/2015 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: BK39023 were analyzed on 12/22/2015. 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: BK40702 were analyzed on 12/23/2015. 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: BK41633 were analyzed on 12/21/2015. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.
4. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BK41646 were analyzed on 12/22/2015. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE (BK41642) was collected as a field duplicate of sample 15 SB2 0-2 (BK41633). All RPDs were <50% with the following exception(s):

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15 SB2 0-2	Benzene	SW-846 8260	ND	µg/L	Soil Duplicate	0.34	µg/L	NC	None
15 SB2 0-2	Ethylbenzene	SW-846 8260	ND	µg/L	Soil Duplicate	31	µg/L	NC	None
15 SB2 0-2	Cis-1,2-Dichloroethylene	SW-846 8260	450	µg/L	Soil Duplicate	ND	µg/L	NC	None
15 SB2 0-2	M,p-Xylene	SW-846 8260	110	µg/L	Soil Duplicate	190	µg/L	53.3	J
15 SB2 0-2	o-Xylene	SW-846 8260	ND	µg/L	Soil Duplicate	71	µg/L	NC	None
15 SB2 0-2	Tetrachloroethylene	SW-846 8260	350	µg/L	Soil Duplicate	180	µg/L	64.2	J
15 SB2 0-2	Toluene	SW-846 8260	360	µg/L	Soil Duplicate	29	µg/L	170.2	J
15 SB2 0-2	Trichloroethylene	SW-846 8260	4000	µg/L	Soil Duplicate	94	µg/L	190.8	J

ND = Non-detect NC = Not calculated

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 SB2 0-2 (BK41633). All %RECs/RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Action
Bromomethane	53/63/A	UJ
Chloroethane	28/33/A	UJ
Trichlorofluoromethane	16/18/A	UJ
Acetone	62/A/A	UJ

A= Acceptable

- Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 SB7 18-20 (BK41646). All %RECs/RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Action
Bromomethane	56/67/A	UJ
Chloroethane	30/34/A	UJ
Trichlorofluoromethane	18/20/A	UJ
Acetone	65/69/A	UJ

A= Acceptable

Target Compound Identification:

- All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).
- Sample compound spectra were compared against the laboratory standard spectra.
- No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

- All sample results were reported within the linear calibration range. No qualifications were required.
- %Solids for all soil samples in this SDG were >30%. No qualifications were required.
- Manual Calculation:

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

C_x = concentration of analyte as ug/kg

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

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

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

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

V= Volume for liquids in ml, weight for soils/solids in grams.
VE= final volume of concentrated extract

Sample: 15 B2 18-20 (BK41635)

Trichloroethene

Sample weight: 2.71g
Final volume: 5ml
%Solids: 41%
Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{2136 \times 50 \times 5\text{ml} \times 1}{345256 \times 0.364 \times 2.71\text{g} \times 0.41} = 3.82\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Trichloroethene	3.8	3.8	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: GBK41633.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK41633.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-022
SDG #: GBK41633
Client: Environmental Business Consultants
Date: 02/12/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for fifteen (15) 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 12/17/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/18/2015 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
15 SB2 0-2	BK41633	12/17/15	Pesticides	Soil	
15 SB2 18-20	BK41635	12/17/15	Pesticides	Soil	
15 SB4 0-2	BK41636	12/17/15	Pesticides	Soil	
15 SB4 18-20	BK41638	12/17/15	Pesticides	Soil	
15 SB6 0-2	BK41639	12/17/15	Pesticides	Soil	
15 SB6 18-20	BK41641	12/17/15	Pesticides	Soil	
SOIL DUPLICATE	BK41642	12/17/15	Pesticides	Soil	Field Duplicate for Sample 15 SB2 0-2
15 SB10 0-2	BK41643	12/17/15	Pesticides	Soil	
15 SB7 0-2	BK41644	12/17/15	Pesticides	Soil	
15 SB7 18-20	BK41646	12/17/15	Pesticides	Soil	
15 SB8 0-2	BK41647	12/17/15	Pesticides	Soil	
15 SB8 18-20	BK41649	12/17/15	Pesticides	Soil	
15 SB9 0-2	BK41650	12/17/15	Pesticides	Soil	
15 SB9 18-20	BK41652	12/17/15	Pesticides	Soil	
15 SB10 18-20	BK41654	12/17/15	Pesticides	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 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 12/21/2015 (ECD4) exhibited acceptable %RSD (20%, [25% for alpha-BHC and delta-BHC, 30% for Toxaphene]) on both columns. No qualifications were required.

Results were reported from column A.

2. Initial calibration curve analyzed on 12/19/2015 (ECD35) exhibited acceptable %RSD (20%, [25% for alpha-BHC and delta-BHC, 30% for Toxaphene]) on both columns. No qualifications were required.

Results were reported from column A (Soil Duplicate was reported from the B column).

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 12/20, 21, 23/2015 exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds with the following exception(s):

Instrument ID: ECD 4: 12/23/15; 14:44

Compound	Column	%D
Endosulfan I	A	22

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 SB2 18-20	BK41635	Endosulfan I	UJ
15 SB4 18-20	BK41638	Endosulfan I	UJ
15 SB6 0-2	BK41639	Endosulfan I	UJ
15 SB6 18-20	BK41641	Endosulfan I	UJ
15 SB9 18-20	BK41652	Endosulfan I	UJ
15 SB10 18-20	BK41654	Endosulfan I	UJ

Instrument ID: ECD 35: 12/20/2015; 00:36

Compound	Column	%D
4,4'-DDD	B	22
Alpha-Chlordane	B	26

A= Acceptable

Sample results were reported from the A Column. No qualifications were required.

Compound	Column	%D
Alpha-Chlordane	B	22

A= Acceptable

Sample results were reported from the A Column. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all soil samples were within the laboratory control limits (30%-150%). 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 (BK41633 BL) associated with the soil samples extracted on 12/18/2015 and analyzed on 12/19/2015 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample associated with ID: BK41633 LCS was analyzed on 12/19/2015. All %RECs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE (BK41642) was collected as a field duplicate of sample 15 SB2 0-2 (BK41633). Both sample results were reported as non-detects with the following exception(s):

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15 SB2 0-2	Chlordane	SW-846 8281	ND	µg/L	Soil Duplicate	55	µg/L	NC	None
15 SB2 0-2	Cis-Chlordane	SW-846 8281	ND	µg/L	Soil Duplicate	10	µg/L	NC	None
15 SB2 0-2	p,p'-DDT	SW-846 8281	ND	µg/L	Soil Duplicate	7.1	µg/L	NC	None
15 SB2 0-2	Trans-Chlordane	SW-846 8281	ND	µg/L	Soil Duplicate	6.8	µg/L	NC	None

ND = Non-detect NC = Not calculated

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 SB2 0-2 (BK41633). All %RECs/RPDs were within the laboratory 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:

BK41633 LCS

Alpha-Chlordane

On Column concentration (B) = 45.1492ng

Sample Weight= 15.0g

DF = 2

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{45.1492\text{ng} \times 5\text{ml} \times 2}{15.0\text{g}} = 30.099\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Alpha-Chlordane	30.1	30.1	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: GBK41633.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK41633.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-022
SDG #: GBK41633
Client: Environmental Business Consultants
Date: 02/12/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for fifteen (15) 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 12/17/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/18/2015 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
15 SB2 0-2	BK41633	12/17/15	PCBs	Soil	
15 SB2 18-20	BK41635	12/17/15	PCBs	Soil	
15 SB4 0-2	BK41636	12/17/15	PCBs	Soil	
15 SB4 18-20	BK41638	12/17/15	PCBs	Soil	
15 SB6 0-2	BK41639	12/17/15	PCBs	Soil	
15 SB6 18-20	BK41641	12/17/15	PCBs	Soil	
SOIL DUPLICATE	BK41642	12/17/15	PCBs	Soil	Field Duplicate for Sample 15 SB2 0-2
15 SB10 0-2	BK41643	12/17/15	PCBs	Soil	
15 SB7 0-2	BK41644	12/17/15	PCBs	Soil	
15 SB7 18-20	BK41646	12/17/15	PCBs	Soil	
15 SB8 0-2	BK41647	12/17/15	PCBs	Soil	
15 SB8 18-20	BK41649	12/17/15	PCBs	Soil	
15 SB9 0-2	BK41650	12/17/15	PCBs	Soil	
15 SB9 18-20	BK41652	12/17/15	PCBs	Soil	
15 SB10 18-20	BK41654	12/17/15	PCBs	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 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 12/03/2015 (ECD1) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.

2. Initial calibration curve analyzed on 12/17/2015 (ECD3) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 12/19/2015 exhibited acceptable average %Ds ($\leq 15.0\%$ for opening and $\leq 50\%$ for closing) for all compounds on reporting column B. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all soil samples and associated QC were within the laboratory control limits (30% - 150%). 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 (BK41633 BL) associated with the soil samples extracted on 12/18/2015 and analyzed on 12/19/2015 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: BK41633 were analyzed on 12/19/2015. All %RECs and RPDs were within the laboratory control limits (50% - 150% [30%-150% for surrogates]). No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE (BK41642) was collected as a field duplicate of sample 15 SB2 0-2 (BK41633). Both sample results were reported as non-detects. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 SB2 0-2 (BK41633). All %RECs/RPDs were within the laboratory 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:

BK41633 LCS

Aroclor-1016

On Column concentration (B)= 435.642ng

Sample weight= 15.0g

DF= 10

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{435.642\text{ng} \times 5\text{ml} \times 10}{15.0\text{g}} = 1452.14\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Aroclor-1016	1450	1450	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: GBK41633.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK41633.

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

Project Name: 65 Eckford Street
Location: Brooklyn, New York
Project Number: 3020-022
SDG #: GBK41633
Client: Environmental Business Consultants
Date: 02/15/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for fifteen (15) soil samples analyzed for the following analyses:
 - 1.1 Trace Metals-ICP-MS by SW-846 Method 6010C.
 - 1.2 Mercury by SW-846 Method 7471A.
2. The samples were collected on 12/17/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/18/2015 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
15 SB2 0-2	BK41633	12/17/15	ICP, CVAA	Soil	
15 SB2 18-20	BK41635	12/17/15	ICP, CVAA	Soil	
15 SB4 0-2	BK41636	12/17/15	ICP, CVAA	Soil	
15 SB4 18-20	BK41638	12/17/15	ICP, CVAA	Soil	
15 SB6 0-2	BK41639	12/17/15	ICP, CVAA	Soil	
15 SB6 18-20	BK41641	12/17/15	ICP, CVAA	Soil	
SOIL DUPLICATE	BK41642	12/17/15	ICP, CVAA	Soil	Field Duplicate for Sample 15 SB2 0-2
15 SB10 0-2	BK41643	12/17/15	ICP, CVAA	Soil	
15 SB7 0-2	BK41644	12/17/15	ICP, CVAA	Soil	
15 SB7 18-20	BK41646	12/17/15	ICP, CVAA	Soil	
15 SB8 0-2	BK41647	12/17/15	ICP, CVAA	Soil	
15 SB8 18-20	BK41649	12/17/15	ICP, CVAA	Soil	
15 SB9 0-2	BK41650	12/17/15	ICP, CVAA	Soil	
15 SB9 18-20	BK41652	12/17/15	ICP, CVAA	Soil	
15 SB10 18-20	BK41654	12/17/15	ICP, CVAA	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 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) with the following exception(s):

Analyte	Date Analyzed	%R	Sample Affected	Action
Sodium	12/20/15: 06:17	128.3	15 SB2 0-2, 15 SB2 18-20, 15 SB4 0-2, 15 SB4 18-20, 15 SB6 0-2, 15 SB6 18-20, SOIL DUPLICATE, 15 SB10 0-2, 15 SB7 0-2, 15 SB7 18-20, 15 SB8 0-2, 15 SB8 18-20, 15 SB9 0-2, 15 SB9 18-20, 15 SB10 18-20	J+

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 (85-115%). No qualifications were required.

CRQL Check Standard (CRI):

1. All CRI analyzed on 12/19 & 20/2015 %RECs were within the control limits (70-130%) with the following exception(s):

Analyte	Date Analyzed	Initial %R	Final %R	Sample Affected	Action
Copper	12/19/2015: 11:38; 13:03	156.8	154.8	15SB2 0-2	None
Copper	12/20/2015: 9:12; 10:09	A	130.4	15SB2 0-2 DL	J+
Iron	12/19/2015: 15:41	146.8	-	15SB4 18-20, 15SB4 0-2, 15SB2 18-20	J+
Zinc	12/20/2015: 9:12; 10:09	147.5	A	None	None

ICP-AES Interference Check Sample:

1. All %REC values were within the QC limits (80-120%) for ICSA and ICSAB with the following exception(s):

Analyte	Date Analyzed	%R	Sample Affected	Action
Potassium	12/20/2015: 10:16; 10:19	120.9	15SB4 18-20, 15SB6 0-2, 15SB6 18-20, SOIL DUPLICATE, 15SB10 0-2, 15SB7 0-2, 15SB7 18-20, 15SB8 0-2, 15SB8 18-20, 15SB9 0-2, 15SB9 18-20, 15SB10 18-20	J+

Blanks (Method Blank, ICB and CCB):

ICP-AES:

1. Method Blank-Soil (BK41633) digested on 12/18/2015 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
Zinc	30	10	15SB10 18-20	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 (BK41633) digested on 12/21/2015 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, Mercury and Cyanide:

1. Laboratory Control Sample %RECs were within the laboratory control limits (70% - 130% for Metals, 75%-125% for Hg). No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE (BK41642) was collected as a field duplicate of a sample 15 SB2 0-2 (BK41633). All RPDs were <50% (or difference <2xPQL) with the following exception(s):

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD (or Difference)	Qualifier
15 B2 0-2	Aluminum	SW8466010C	8420	mg/kg	SOIL DUPLICATE	4800	mg/kg	54.8	J
15 B2 0-2	Antimony	SW8466010C	2.0	mg/kg	SOIL DUPLICATE	4.7	mg/kg	(2.7)	None
15 B2 0-2	Arsenic	SW8466010C	8.7	mg/kg	SOIL DUPLICATE	51.7	mg/kg	(43.0)	J
15 B2 0-2	Barium	SW8466010C	303	mg/kg	SOIL DUPLICATE	333	mg/kg	9.4	None
15 B2 0-2	Beryllium	SW8466010C	0.43	mg/kg	SOIL DUPLICATE	0.38	mg/kg	(0.1)	None
15 B2 0-2	Cadmium	SW8466010C	1.56	mg/kg	SOIL DUPLICATE	1.07	mg/kg	(0.5)	None
15 B2 0-2	Calcium	SW8466010C	49300	mg/kg	SOIL DUPLICATE	12100	mg/kg	121.2	J
15 B2 0-2	Chromium	SW8466010C	23.7	mg/kg	SOIL DUPLICATE	75.4	mg/kg	104.3	J
15 B2 0-2	Cobalt	SW8466010C	7.3	mg/kg	SOIL DUPLICATE	8.09	mg/kg	(0.8)	None
15 B2 0-2	Copper	SW8466010C	97.9	mg/kg	SOIL DUPLICATE	327	mg/kg	107.8	J
15 B2 0-2	Iron	SW8466010C	16900	mg/kg	SOIL DUPLICATE	14600	mg/kg	14.6	None
15 B2 0-2	Lead	SW8466010C	776	mg/kg	SOIL DUPLICATE	2470	mg/kg	104.4	J
15 B2 0-2	Magnesium	SW8466010C	3120	mg/kg	SOIL DUPLICATE	1070	mg/kg	97.9	J
15 B2 0-2	Manganese	SW8466010C	285	mg/kg	SOIL DUPLICATE	175	mg/kg	47.8	None
15 B2 0-2	Mercury	SW8467471	1.00	mg/kg	SOIL DUPLICATE	5.30	mg/kg	136.5	J
15 B2 0-2	Nickel	SW8466010C	16.6	mg/kg	SOIL DUPLICATE	18.8	mg/kg	(2.2)	None
15 B2 0-2	Potassium	SW8466010C	1870	mg/kg	SOIL DUPLICATE	1200	mg/kg	43.6	None
15 B2 0-2	Sodium	SW8466010C	931	mg/kg	SOIL DUPLICATE	643	mg/kg	36.6	None
15 B2 0-2	Vanadium	SW8466010C	23.5	mg/kg	SOIL DUPLICATE	30.3	mg/kg	25.3	None
15 B2 0-2	Zinc	SW8466010C	300	mg/kg	SOIL DUPLICATE	424	mg/kg	34.3	None

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

ICP-AES and Mercury:

1. Matrix Spike (MS) was performed on sample 15 B2 0-2 (BK41633). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R/Post %R	Sample Affected	Action
Mercury	197	15 B2 0-2	J+
Barium	147/54.6	15 B2 0-2	J
Potassium	170/168	15 B2 0-2	J+
Sodium	178/188	15 B2 0-2	J+
Lead	153/A	15 B2 0-2	J+

A= Acceptable

Sample Duplicate:

ICP-AES and Mercury:

1. Sample Duplicate was performed on sample 15 B2 0-2 (BK41633). All RPDs were within the laboratory control limits with the following exception(s):

Element	%R	Sample Affected	Action
Arsenic	63.5	15 B2 0-2	J

ICP-AES Serial Dilution:

1. ICP serial dilution was performed on sample 15 B2 0-2 (BK41633). 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
Barium	19.8	15 B2 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 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: 15 B2 0-2 (BK41633)

Barium

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

V= 50ml

W= 0.73g

%Solids =84.0

DF=1.0

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{3718.4448ug/L \times 50 \times 1.0 \times 1L \times 1000g \times 1mg}{0.73 \times 0.84 \times 1000ml \times 1 kg \times 1000ug} = 303.2 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Barium	303	303	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: GBK41633.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK41633.



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41633**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 0-2	BK41633	SW6010	12/19/15	10	Aluminum	8420	mg/kg	J	8.2	41
15SB2 0-2	BK41633	SW6010	12/20/15	1	Antimony	2.0	mg/kg		2.0	2.0
15SB2 0-2	BK41633	SW8081	12/19/15	2	Aldrin		ug/kg	U	3.9	3.9
15SB2 0-2	BK41633	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	96	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	270	780
15SB2 0-2	BK41633	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	420	2000
15SB2 0-2	BK41633	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	780	2000
15SB2 0-2	BK41633	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	120	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Benzidine		ug/kg	R	230	780
15SB2 0-2	BK41633	SW8260	12/21/15	1	Acetone		ug/kg	UJ	3.9	39
15SB2 0-2	BK41633	E160.3	12/18/15	1	Solids, Percent	84	%			
15SB2 0-2	BK41633	SW6010	12/19/15	10	Arsenic	8.7	mg/kg	J	8.2	8.2
15SB2 0-2	BK41633	SW6010	12/20/15	1	Barium	303	mg/kg	J	0.41	0.8
15SB2 0-2	BK41633	SW6010	12/20/15	1	Beryllium	0.43	mg/kg		0.16	0.33
15SB2 0-2	BK41633	SW6010	12/20/15	1	Cadmium	1.56	mg/kg		0.16	0.41
15SB2 0-2	BK41633	SW6010	12/19/15	10	Calcium	49300	mg/kg	J	38	41
15SB2 0-2	BK41633	SW6010	12/19/15	10	Chromium, Total	23.7	mg/kg	J	4.1	4.1
15SB2 0-2	BK41633	SW6010	12/19/15	10	Cobalt	7.3	mg/kg		4.1	4.1
15SB2 0-2	BK41633	SW6010	12/19/15	10	Copper	97.9	mg/kg	J+	4.1	4.1
15SB2 0-2	BK41633	SW6010	12/19/15	10	Iron	16900	mg/kg		41	41
15SB2 0-2	BK41633	SW6010	12/19/15	10	Lead	776	mg/kg	J+	4.1	8.2
15SB2 0-2	BK41633	SW8081	12/19/15	2	Heptachlor Epoxide		ug/kg	U	7.8	7.8
15SB2 0-2	BK41633	SW8081	12/19/15	2	Endosulfan Sulfate		ug/kg	U	7.8	7.8
15SB2 0-2	BK41633	SW8081	12/19/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	7.8	7.8
15SB2 0-2	BK41633	SW8081	12/19/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	7.8	7.8
15SB2 0-2	BK41633	SW8081	12/19/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	7.8	7.8
15SB2 0-2	BK41633	SW8081	12/19/15	2	Beta Endosulfan		ug/kg	U	7.8	7.8
15SB2 0-2	BK41633	SW8081	12/19/15	2	P,P'-DDT		ug/kg	U	2.3	2.3
15SB2 0-2	BK41633	SW8081	12/19/15	2	cis-Chlordane		ug/kg	U	3.9	3.9
15SB2 0-2	BK41633	SW8081	12/19/15	2	trans-Chlordane		ug/kg	U	3.9	3.9
15SB2 0-2	BK41633	SW8081	12/19/15	2	Endrin Ketone		ug/kg	U	7.8	7.8
15SB2 0-2	BK41633	SW8081	12/19/15	2	Chlordane		ug/kg	U	39	39
15SB2 0-2	BK41633	SW8081	12/19/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.6	1.6
15SB2 0-2	BK41633	SW8081	12/19/15	2	Dieldrin		ug/kg	U	3.9	3.9
15SB2 0-2	BK41633	SW8081	12/19/15	2	Endrin		ug/kg	U	7.8	7.8
15SB2 0-2	BK41633	SW8081	12/19/15	2	Methoxychlor		ug/kg	U	39	39
15SB2 0-2	BK41633	SW8081	12/19/15	2	P,P'-DDD		ug/kg	U	2.3	2.3
15SB2 0-2	BK41633	SW8081	12/19/15	2	P,P'-DDE		ug/kg	U	2.3	2.3



65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41633

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 0-2	BK41633	SW8081	12/19/15	2	Endrin Aldehyde		ug/kg	U	7.8	7.8
15SB2 0-2	BK41633	SW8081	12/19/15	2	Heptachlor		ug/kg	U	7.8	7.8
15SB2 0-2	BK41633	SW8081	12/19/15	2	Toxaphene		ug/kg	U	160	160
15SB2 0-2	BK41633	SW8081	12/19/15	2	Alpha Endosulfan		ug/kg	U	7.8	7.8
15SB2 0-2	BK41633	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	39	39
15SB2 0-2	BK41633	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	39	39
15SB2 0-2	BK41633	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	39	39
15SB2 0-2	BK41633	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	39	39
15SB2 0-2	BK41633	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	39	39
15SB2 0-2	BK41633	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	39	39
15SB2 0-2	BK41633	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	39	39
15SB2 0-2	BK41633	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	39	39
15SB2 0-2	BK41633	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	39	39
15SB2 0-2	BK41633	SW8260	12/21/15	50	Cis-1,2-Dichloroethylene	450	ug/kg		36	360
15SB2 0-2	BK41633	SW8260	12/21/15	50	m,p-Xylene	110	ug/kg	J	71	360
15SB2 0-2	BK41633	SW8260	12/21/15	1	Ethylbenzene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Styrene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	N-Propylbenzene		ug/kg	U	0.71	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	N-Butylbenzene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	4-Chlorotoluene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Acrolein		ug/kg	U	2.0	16
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,2-Dichloroethane		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Acrylonitrile		ug/kg	U	0.39	16
15SB2 0-2	BK41633	SW8260	12/21/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	3.9	20
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Bromobenzene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Chlorobenzene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Tetrahydrofuran		ug/kg	U	2.0	7.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	2.0	7.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	31	79
15SB2 0-2	BK41633	SW8260	12/21/15	1	Dibromochloromethane		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Sec-Butylbenzene		ug/kg	U	0.39	3.9



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,3-Dichloropropane		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Tert-Butyl Methyl Ether		ug/kg	U	0.79	7.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	O-Cymene (O-Isopropyltoluene)		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Carbon Tetrachloride		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,1-Dichloropropene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	2-Hexanone		ug/kg	U	3.9	20
15SB2 0-2	BK41633	SW8260	12/21/15	1	2,2-Dichloropropane		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	0.79	16
15SB2 0-2	BK41633	SW8260	12/21/15	1	Chloroform		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Benzene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,1,1-Trichloroethane		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Bromomethane		ug/kg	UJ	1.6	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Chloromethane		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Dibromomethane		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Bromochloromethane		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Chloroethane		ug/kg	UJ	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Vinyl Chloride		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Methylene Chloride		ug/kg	U	3.9	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Carbon Disulfide		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Bromoform		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Bromodichloromethane		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,1-Dichloroethane		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,1-Dichloroethene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Tert-Butyl Alcohol		ug/kg	U	16	79
15SB2 0-2	BK41633	SW8260	12/21/15	1	Trichlorofluoromethane		ug/kg	UJ	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Dichlorodifluoromethane		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,2-Dichloropropane		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	3.9	24
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,1,2-Trichloroethane		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,2,3-Trichlorobenzene		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Hexachlorobutadiene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Naphthalene		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	0.79	3.9



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 0-2	BK41633	SW8260	12/21/15	1	2-Chlorotoluene		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,2,4-Trimethylbenzene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	0.79	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	1,2,3-Trichloropropane		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	T-Butylbenzene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Isopropylbenzene (Cumene)		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8260	12/21/15	1	Cymene		ug/kg	U	0.39	3.9
15SB2 0-2	BK41633	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	130	780
15SB2 0-2	BK41633	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	180	390
15SB2 0-2	BK41633	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	120	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	97	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	120	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	180	310
15SB2 0-2	BK41633	SW8270	12/19/15	1	Phenol		ug/kg	U	130	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	110	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	110	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	100	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	110	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Anthracene		ug/kg	U	130	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	120	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	140	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	150	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	130	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	120	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	110	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Benzo(G,H,I)Perylene		ug/kg	U	130	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	130	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Benzo(B)Fluoranthene		ug/kg	U	130	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Benzo(A)Anthracene	140	ug/kg	J	130	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	110	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	110	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	130	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	120	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	140	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	120	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	130	270



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 0-2	BK41633	SW8270	12/19/15	1	Aniline		ug/kg	U	310	310
15SB2 0-2	BK41633	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	110	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	120	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	130	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Isophorone		ug/kg	U	110	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	150	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	120	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	120	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	100	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	150	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Fluorene		ug/kg	U	130	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Carbazole		ug/kg	U	300	2000
15SB2 0-2	BK41633	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	140	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	150	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	130	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	400	780
15SB2 0-2	BK41633	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	250	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Naphthalene		ug/kg	U	110	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	120	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	110	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	190	780
15SB2 0-2	BK41633	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	180	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	110	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	110	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	140	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	210	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Acetophenone		ug/kg	U	120	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	140	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	780	780
15SB2 0-2	BK41633	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	150	270
15SB2 0-2	BK41633	SW6010	12/19/15	10	Magnesium	3120	mg/kg	J	41	41
15SB2 0-2	BK41633	SW8270	12/19/15	1	Benzo(A)Pyrene	160	ug/kg	J	130	270
15SB2 0-2	BK41633	SW6010	12/19/15	10	Manganese	285	mg/kg		4.1	4.1
15SB2 0-2	BK41633	SW8270	12/19/15	1	Benzo(K)Fluoranthene	140	ug/kg	J	130	270
15SB2 0-2	BK41633	SW7471	12/21/15	1	Mercury	1.00	mg/kg	J+	0.02	0.03
15SB2 0-2	BK41633	SW6010	12/19/15	10	Nickel	16.6	mg/kg		4.1	4.1
15SB2 0-2	BK41633	SW6010	12/20/15	1	Potassium	1870	mg/kg	J+	3.2	8



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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 0-2	BK41633	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate	150	ug/kg	J	110	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Chrysene	160	ug/kg	J	130	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Di-N-Butyl Phthalate	160	ug/kg	J	100	270
15SB2 0-2	BK41633	SW8270	12/19/15	1	Fluoranthene	210	ug/kg	J	130	270
15SB2 0-2	BK41633	SW6010	12/20/15	1	Selenium		mg/kg	U	1.4	1.6
15SB2 0-2	BK41633	SW8260	12/21/15	50	Tetrachloroethylene (PCE)	350	ug/kg	J	71	360
15SB2 0-2	BK41633	SW8270	12/19/15	1	Phenanthrene	120	ug/kg	J	110	270
15SB2 0-2	BK41633	SW6010	12/20/15	1	Silver		mg/kg	U	0.41	0.41
15SB2 0-2	BK41633	SW6010	12/20/15	1	Sodium	931	mg/kg	J+	3.5	8
15SB2 0-2	BK41633	SW6010	12/20/15	1	Thallium		mg/kg	U	1.6	1.6
15SB2 0-2	BK41633	SW8260	12/21/15	50	Toluene	360	ug/kg	J	36	360
15SB2 0-2	BK41633	SW8270	12/19/15	1	Pyrene	210	ug/kg	J	130	270
15SB2 0-2	BK41633	SW6010	12/19/15	10	Vanadium	23.5	mg/kg		4.1	4.1
15SB2 0-2	BK41633	SW8260	12/21/15	50	Trichloroethylene (TCE)	4000	ug/kg	J	36	360
15SB2 0-2	BK41633	SW6010	12/19/15	10	Zinc	300	mg/kg		4.1	8.2
15SB2 11-13	BK41634	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	110	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	320	930
15SB2 11-13	BK41634	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	500	2300
15SB2 11-13	BK41634	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	930	2300
15SB2 11-13	BK41634	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	140	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	270	930
15SB2 11-13	BK41634	SW8260	12/21/15	500	Acetone		ug/kg	UJ	3400	34000
15SB2 11-13	BK41634	E160.3	12/18/15	1	Solids, Percent	72	%			
15SB2 11-13	BK41634	SW8260	12/21/15	1000	Sec-Butylbenzene	15000	ug/kg		690	6900
15SB2 11-13	BK41634	SW8260	12/21/15	1000	O-Cymene (O-Isopropyltoluene)	7800	ug/kg		690	6900
15SB2 11-13	BK41634	SW8260	12/21/15	1000	T-Butylbenzene	3200	ug/kg		690	3000
15SB2 11-13	BK41634	SW8260	12/21/15	500	Ethylbenzene		ug/kg	U	340	1000
15SB2 11-13	BK41634	SW8260	12/21/15	500	Styrene		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Cis-1,3-Dichloropropene		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Trans-1,3-Dichloropropene		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	N-Propylbenzene		ug/kg	U	620	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	N-Butylbenzene	5900	ug/kg	J	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	4-Chlorotoluene		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,4-Dichlorobenzene		ug/kg	U	340	1800
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Acrolein		ug/kg	U	1700	14000
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,2-Dichloroethane		ug/kg	U	340	3400



**65 ECKFORD STREET
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DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 11-13	BK41634	SW8260	12/21/15	500	Acrylonitrile		ug/kg	U	340	14000
15SB2 11-13	BK41634	SW8260	12/21/15	500	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	3400	17000
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Bromobenzene		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Toluene		ug/kg	U	340	700
15SB2 11-13	BK41634	SW8260	12/21/15	500	Chlorobenzene		ug/kg	U	340	1100
15SB2 11-13	BK41634	SW8260	12/21/15	500	Tetrahydrofuran		ug/kg	U	1700	6900
15SB2 11-13	BK41634	SW8260	12/21/15	500	Trans-1,4-Dichloro-2-Butene		ug/kg	U	1700	6900
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,2,4-Trichlorobenzene		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,4-Dioxane (P-Dioxane)		ug/kg	U	28000	69000
15SB2 11-13	BK41634	SW8260	12/21/15	500	Dibromochloromethane		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Tetrachloroethylene (PCE)		ug/kg	U	690	1300
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,3-Dichloropropane		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Cis-1,2-Dichloroethylene		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Trans-1,2-Dichloroethene		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Tert-Butyl Methyl Ether		ug/kg	U	690	930
15SB2 11-13	BK41634	SW8260	12/21/15	500	m,p-Xylene		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,3-Dichlorobenzene		ug/kg	U	340	2400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Carbon Tetrachloride		ug/kg	U	690	760
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,1-Dichloropropene		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	2-Hexanone		ug/kg	U	3400	17000
15SB2 11-13	BK41634	SW8260	12/21/15	500	2,2-Dichloropropane		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,1,1,2-Tetrachloroethane		ug/kg	U	690	14000
15SB2 11-13	BK41634	SW8260	12/21/15	500	Chloroform		ug/kg	U	340	370
15SB2 11-13	BK41634	SW8260	12/21/15	500	Benzene		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,1,1-Trichloroethane		ug/kg	U	340	680
15SB2 11-13	BK41634	SW8260	12/21/15	500	Bromomethane		ug/kg	U	1400	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Chloromethane		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Dibromomethane		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Bromochloromethane		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Chloroethane		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Vinyl Chloride		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Methylene Chloride		ug/kg	U	3400	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Carbon Disulfide		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Bromoform		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Bromodichloromethane		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,1-Dichloroethane		ug/kg	U	690	3400



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,1-Dichloroethene		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Tert-Butyl Alcohol		ug/kg	U	14000	69000
15SB2 11-13	BK41634	SW8260	12/21/15	500	Trichlorofluoromethane		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Dichlorodifluoromethane		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,2-Dichloropropane		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	3400	21000
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,1,2-Trichloroethane		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Trichloroethylene (TCE)		ug/kg	U	340	470
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,1,2,2-Tetrachloroethane		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,2,3-Trichlorobenzene		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Hexachlorobutadiene		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Naphthalene		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	2-Chlorotoluene		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,2-Dichlorobenzene		ug/kg	U	340	1100
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,2,4-Trimethylbenzene		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,2-Dibromo-3-Chloropropane		ug/kg	U	690	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	1,2,3-Trichloropropane		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Isopropylbenzene (Cumene)	570	ug/kg	J	340	3400
15SB2 11-13	BK41634	SW8260	12/21/15	500	Cymene		ug/kg	U	340	3400
15SB2 11-13	BK41634	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	150	930
15SB2 11-13	BK41634	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	210	460
15SB2 11-13	BK41634	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	140	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	110	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	140	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	220	370
15SB2 11-13	BK41634	SW8270	12/19/15	1	Phenol		ug/kg	U	150	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	120	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	130	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	120	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	140	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Anthracene		ug/kg	U	150	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	140	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	160	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	180	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	150	320



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 11-13	BK41634	SW8270	12/19/15	1	Pyrene		ug/kg	U	160	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	140	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	140	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Benzo(G,H,I)Perylene		ug/kg	U	150	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	150	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Benzo(B)Fluoranthene		ug/kg	U	160	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Fluoranthene		ug/kg	U	150	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Benzo(K)Fluoranthene		ug/kg	U	150	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	130	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Chrysene		ug/kg	U	160	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	130	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Benzo(A)Pyrene		ug/kg	U	150	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	150	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	140	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Benzo(A)Anthracene		ug/kg	U	160	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	160	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	150	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	150	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Aniline		ug/kg	U	370	370
15SB2 11-13	BK41634	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	130	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	140	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	160	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Isophorone		ug/kg	U	130	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	170	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	140	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	150	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	120	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Phenanthrene		ug/kg	U	130	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	120	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	180	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Fluorene		ug/kg	U	150	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Carbazole		ug/kg	U	350	2300
15SB2 11-13	BK41634	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	170	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	170	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	150	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	470	930
15SB2 11-13	BK41634	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	290	320



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 11-13	BK41634	SW8270	12/19/15	1	Naphthalene		ug/kg	U	130	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	140	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	130	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	220	930
15SB2 11-13	BK41634	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	220	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	130	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	130	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	160	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	250	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Acetophenone		ug/kg	U	140	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	160	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	930	930
15SB2 11-13	BK41634	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	180	320
15SB2 11-13	BK41634	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate	570	ug/kg		130	320
15SB2 18-20	BK41635	SW6010	12/19/15	10	Iron	28300	mg/kg	J+	72	72
15SB2 18-20	BK41635	SW6010	12/19/15	10	Potassium	1930	mg/kg		56	140
15SB2 18-20	BK41635	SW6010	12/20/15	1	Sodium	1180	mg/kg	J+	6.2	14
15SB2 18-20	BK41635	SW6010	12/20/15	1	Copper	28.7	mg/kg		0.72	0.72
15SB2 18-20	BK41635	SW8081	12/23/15	2	Aldrin		ug/kg	U	4.1	4.1
15SB2 18-20	BK41635	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	300	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	840	2400
15SB2 18-20	BK41635	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	1300	6000
15SB2 18-20	BK41635	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	2400	6000
15SB2 18-20	BK41635	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	370	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	710	2400
15SB2 18-20	BK41635	SW6010	12/19/15	10	Aluminum	18300	mg/kg		14	72
15SB2 18-20	BK41635	SW8260	12/21/15	1	Acetone	630	ug/kg	J	23	230
15SB2 18-20	BK41635	SW6010	12/20/15	1	Arsenic	17.7	mg/kg		1.4	1.4
15SB2 18-20	BK41635	SW6010	12/20/15	1	Lead	103	mg/kg		0.72	1.4
15SB2 18-20	BK41635	SW6010	12/20/15	1	Silver		mg/kg	U	0.72	0.72
15SB2 18-20	BK41635	SW6010	12/20/15	1	Thallium		mg/kg	U	2.9	2.9
15SB2 18-20	BK41635	SW6010	12/20/15	1	Antimony		mg/kg	U	3.6	3.6
15SB2 18-20	BK41635	SW6010	12/20/15	1	Barium	96.2	mg/kg		0.72	1.4
15SB2 18-20	BK41635	SW6010	12/20/15	1	Cadmium		mg/kg	U	0.29	0.72
15SB2 18-20	BK41635	SW6010	12/20/15	1	Beryllium	0.67	mg/kg		0.29	0.57
15SB2 18-20	BK41635	SW6010	12/20/15	1	Selenium		mg/kg	U	2.4	2.9
15SB2 18-20	BK41635	SW7471	12/21/15	1	Mercury	0.40	mg/kg		0.04	0.06



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 18-20	BK41635	SW8081	12/23/15	2	Heptachlor Epoxide		ug/kg	U	16	16
15SB2 18-20	BK41635	SW8081	12/23/15	2	Endosulfan Sulfate		ug/kg	U	16	16
15SB2 18-20	BK41635	SW8081	12/23/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	16	16
15SB2 18-20	BK41635	SW8081	12/23/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	16	16
15SB2 18-20	BK41635	SW8081	12/23/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	16	16
15SB2 18-20	BK41635	SW8081	12/23/15	2	Beta Endosulfan		ug/kg	U	16	16
15SB2 18-20	BK41635	SW8081	12/23/15	2	P,P'-DDT		ug/kg	U	4.1	4.1
15SB2 18-20	BK41635	SW8081	12/23/15	2	cis-Chlordane		ug/kg	U	8.1	8.1
15SB2 18-20	BK41635	SW8081	12/23/15	2	trans-Chlordane		ug/kg	U	8.1	8.1
15SB2 18-20	BK41635	SW8081	12/23/15	2	Endrin Ketone		ug/kg	U	16	16
15SB2 18-20	BK41635	SW8081	12/23/15	2	Chlordane		ug/kg	U	81	81
15SB2 18-20	BK41635	SW8081	12/23/15	2	Gamma Bhc (Lindane)		ug/kg	U	3.2	3.2
15SB2 18-20	BK41635	SW8081	12/23/15	2	Dieldrin		ug/kg	U	2.4	2.4
15SB2 18-20	BK41635	SW8081	12/23/15	2	Endrin		ug/kg	U	8.1	8.1
15SB2 18-20	BK41635	SW8081	12/23/15	2	Methoxychlor		ug/kg	U	81	81
15SB2 18-20	BK41635	SW8081	12/23/15	2	P,P'-DDD		ug/kg	U	4.1	4.1
15SB2 18-20	BK41635	SW8081	12/23/15	2	P,P'-DDE		ug/kg	U	4.1	4.1
15SB2 18-20	BK41635	SW8081	12/23/15	2	Endrin Aldehyde		ug/kg	U	16	16
15SB2 18-20	BK41635	SW8081	12/23/15	2	Heptachlor		ug/kg	U	16	16
15SB2 18-20	BK41635	SW8081	12/23/15	2	Toxaphene		ug/kg	U	320	320
15SB2 18-20	BK41635	SW8081	12/23/15	2	Alpha Endosulfan		ug/kg	UJ	16	16
15SB2 18-20	BK41635	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	81	81
15SB2 18-20	BK41635	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	81	81
15SB2 18-20	BK41635	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	81	81
15SB2 18-20	BK41635	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	81	81
15SB2 18-20	BK41635	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	81	81
15SB2 18-20	BK41635	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	81	81
15SB2 18-20	BK41635	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	81	81
15SB2 18-20	BK41635	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	81	81
15SB2 18-20	BK41635	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	81	81
15SB2 18-20	BK41635	SW8260	12/21/15	1	Ethylbenzene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Styrene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Cis-1,3-Dichloropropene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Trans-1,3-Dichloropropene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	N-Propylbenzene		ug/kg	U	4.1	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	N-Butylbenzene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	4-Chlorotoluene		ug/kg	U	2.3	23



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Acrolein		ug/kg	U	11	90
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,2-Dichloroethane		ug/kg	U	2.3	20
15SB2 18-20	BK41635	SW8260	12/21/15	1	Acrylonitrile		ug/kg	U	2.3	90
15SB2 18-20	BK41635	SW8260	12/21/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	23	110
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Bromobenzene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Toluene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Chlorobenzene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Tetrahydrofuran		ug/kg	U	11	45
15SB2 18-20	BK41635	SW8260	12/21/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	11	45
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	180	450
15SB2 18-20	BK41635	SW8260	12/21/15	1	Dibromochloromethane		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Tetrachloroethylene (PCE)		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Sec-Butylbenzene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,3-Dichloropropane		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Trans-1,2-Dichloroethene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Tert-Butyl Methyl Ether		ug/kg	U	4.5	45
15SB2 18-20	BK41635	SW8260	12/21/15	1	m,p-Xylene		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	O-Cymene (O-Isopropyltoluene)		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Carbon Tetrachloride		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,1-Dichloropropene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	2-Hexanone		ug/kg	U	23	110
15SB2 18-20	BK41635	SW8260	12/21/15	1	2,2-Dichloropropane		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Chloroform		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Benzene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,1,1-Trichloroethane		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Bromomethane		ug/kg	U	9.0	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Chloromethane		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Dibromomethane		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Bromochloromethane		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Chloroethane		ug/kg	U	2.3	23



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 18-20	BK41635	SW8260	12/21/15	1	Vinyl Chloride		ug/kg	U	2.3	20
15SB2 18-20	BK41635	SW8260	12/21/15	1	Methylene Chloride		ug/kg	U	23	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Carbon Disulfide		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Bromoform		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Bromodichloromethane		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,1-Dichloroethane		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,1-Dichloroethene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Tert-Butyl Alcohol		ug/kg	U	90	450
15SB2 18-20	BK41635	SW8260	12/21/15	1	Trichlorofluoromethane		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Dichlorodifluoromethane		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,2-Dichloropropane		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW6010	12/20/15	1	Calcium	5690	mg/kg		6.6	7.2
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,1,2-Trichloroethane		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,2,3-Trichlorobenzene		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Hexachlorobutadiene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Naphthalene		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	2-Chlorotoluene		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,2,4-Trimethylbenzene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	4.5	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	1,2,3-Trichloropropane		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	T-Butylbenzene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Isopropylbenzene (Cumene)		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8260	12/21/15	1	Cymene		ug/kg	U	2.3	23
15SB2 18-20	BK41635	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	400	2400
15SB2 18-20	BK41635	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	540	1200
15SB2 18-20	BK41635	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	350	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	300	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	360	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	560	960
15SB2 18-20	BK41635	SW8270	12/19/15	1	Phenol		ug/kg	U	390	330
15SB2 18-20	BK41635	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	330	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	330	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	350	840



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 18-20	BK41635	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	310	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	350	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Anthracene		ug/kg	U	400	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	360	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	420	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	470	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	390	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Pyrene		ug/kg	U	410	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	370	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	350	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Benzo(G,H,I)Perylene		ug/kg	U	390	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	400	500
15SB2 18-20	BK41635	SW8270	12/19/15	1	Benzo(B)Fluoranthene		ug/kg	U	410	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Fluoranthene		ug/kg	U	390	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Benzo(K)Fluoranthene		ug/kg	U	400	800
15SB2 18-20	BK41635	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	340	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Chrysene		ug/kg	U	400	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	340	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Benzo(A)Pyrene		ug/kg	U	390	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	390	330
15SB2 18-20	BK41635	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	360	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Benzo(A)Anthracene		ug/kg	U	400	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	420	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	380	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	390	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Aniline		ug/kg	U	960	960
15SB2 18-20	BK41635	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	340	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	360	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	400	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Isophorone		ug/kg	U	340	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	450	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	370	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	380	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	320	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Phenanthrene		ug/kg	U	340	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	310	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	460	840



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB2 18-20	BK41635	SW8270	12/19/15	1	Fluorene		ug/kg	U	400	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Carbazole		ug/kg	U	910	6000
15SB2 18-20	BK41635	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	440	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	460	800
15SB2 18-20	BK41635	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	390	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	1200	2400
15SB2 18-20	BK41635	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	760	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Naphthalene		ug/kg	U	350	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	360	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	340	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	570	2400
15SB2 18-20	BK41635	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	570	330
15SB2 18-20	BK41635	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	340	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	340	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	420	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	660	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Acetophenone		ug/kg	U	380	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	420	840
15SB2 18-20	BK41635	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	2400	2400
15SB2 18-20	BK41635	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	470	840
15SB2 18-20	BK41635	SW6010	12/20/15	1	Chromium, Total	26.3	mg/kg		0.72	0.72
15SB2 18-20	BK41635	SW6010	12/20/15	1	Cobalt	10.7	mg/kg		0.72	0.72
15SB2 18-20	BK41635	SW6010	12/20/15	1	Magnesium	3570	mg/kg		7.2	7.2
15SB2 18-20	BK41635	SW6010	12/20/15	1	Manganese	223	mg/kg		0.72	0.72
15SB2 18-20	BK41635	SW8260	12/21/15	1	Methyl Ethyl Ketone (2-Butanone)	200	ug/kg		23	140
15SB2 18-20	BK41635	SW6010	12/20/15	1	Nickel	18.8	mg/kg		0.72	0.72
15SB2 18-20	BK41635	E160.3	12/18/15	1	Solids, Percent	41	%			
15SB2 18-20	BK41635	SW8260	12/21/15	1	Trichloroethylene (TCE)	3.8	ug/kg	J	2.3	23
15SB2 18-20	BK41635	SW6010	12/20/15	1	Vanadium	35.9	mg/kg		0.72	0.7
15SB2 18-20	BK41635	SW6010	12/20/15	1	Zinc	114	mg/kg		0.72	1.4
15SB4 0-2	BK41636	SW8270	12/19/15	1	Benzo(A)Anthracene	400	ug/kg		120	260
15SB4 0-2	BK41636	SW6010	12/19/15	10	Iron	43000	mg/kg	J+	35	35
15SB4 0-2	BK41636	SW6010	12/20/15	1	Copper	63.9	mg/kg		0.35	0.35
15SB4 0-2	BK41636	SW6010	12/19/15	10	Potassium	1780	mg/kg		27	70
15SB4 0-2	BK41636	SW6010	12/20/15	1	Sodium	788	mg/kg	J+	3.0	7
15SB4 0-2	BK41636	SW8081	12/19/15	2	Aldrin		ug/kg	U	3.6	3.6
15SB4 0-2	BK41636	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	91	260



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15SB4 0-2	BK41636	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	260	740
15SB4 0-2	BK41636	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	400	1800
15SB4 0-2	BK41636	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	740	1800
15SB4 0-2	BK41636	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	220	740
15SB4 0-2	BK41636	SW8260	12/21/15	1	Acetone	3.9	ug/kg	J	2.2	22
15SB4 0-2	BK41636	E160.3	12/18/15	1	Solids, Percent	90	%			
15SB4 0-2	BK41636	SW6010	12/19/15	10	Aluminum	7470	mg/kg		7.0	35
15SB4 0-2	BK41636	SW6010	12/19/15	10	Lead	162	mg/kg		3.5	7.0
15SB4 0-2	BK41636	SW6010	12/19/15	10	Manganese	323	mg/kg		3.5	3.5
15SB4 0-2	BK41636	SW6010	12/19/15	10	Zinc	184	mg/kg		3.5	7.0
15SB4 0-2	BK41636	SW6010	12/20/15	1	Magnesium	1760	mg/kg		3.5	3.5
15SB4 0-2	BK41636	SW6010	12/20/15	1	Nickel	14.3	mg/kg		0.35	0.35
15SB4 0-2	BK41636	SW6010	12/20/15	1	Silver		mg/kg	U	0.35	0.35
15SB4 0-2	BK41636	SW6010	12/20/15	1	Thallium		mg/kg	U	1.4	1.4
15SB4 0-2	BK41636	SW6010	12/20/15	1	Antimony	10.1	mg/kg		1.8	1.8
15SB4 0-2	BK41636	SW6010	12/20/15	1	Arsenic	8.8	mg/kg		0.70	0.7
15SB4 0-2	BK41636	SW6010	12/20/15	1	Barium	111	mg/kg		0.35	0.7
15SB4 0-2	BK41636	SW6010	12/20/15	1	Beryllium	0.19	mg/kg	J	0.14	0.28
15SB4 0-2	BK41636	SW6010	12/20/15	1	Cadmium	1.19	mg/kg		0.14	0.35
15SB4 0-2	BK41636	SW6010	12/20/15	1	Chromium, Total	20.8	mg/kg		0.35	0.35
15SB4 0-2	BK41636	SW6010	12/20/15	1	Cobalt	9.03	mg/kg		0.35	0.35
15SB4 0-2	BK41636	SW6010	12/20/15	1	Vanadium	23.9	mg/kg		0.35	0.4
15SB4 0-2	BK41636	SW6010	12/20/15	1	Calcium	8300	mg/kg		3.2	3.5
15SB4 0-2	BK41636	SW6010	12/20/15	1	Selenium		mg/kg	U	1.2	1.4
15SB4 0-2	BK41636	SW7471	12/21/15	1	Mercury	0.16	mg/kg		0.02	0.03
15SB4 0-2	BK41636	SW8081	12/19/15	2	Heptachlor Epoxide		ug/kg	U	7.3	7.3
15SB4 0-2	BK41636	SW8081	12/19/15	2	Endosulfan Sulfate		ug/kg	U	7.3	7.3
15SB4 0-2	BK41636	SW8081	12/19/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	7.3	7.3
15SB4 0-2	BK41636	SW8081	12/19/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	7.3	7.3
15SB4 0-2	BK41636	SW8081	12/19/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	7.3	7.3
15SB4 0-2	BK41636	SW8081	12/19/15	2	Beta Endosulfan		ug/kg	U	7.3	7.3
15SB4 0-2	BK41636	SW8081	12/19/15	2	P,P'-DDT		ug/kg	U	2.2	2.2
15SB4 0-2	BK41636	SW8081	12/19/15	2	cis-Chlordane		ug/kg	U	3.6	3.6
15SB4 0-2	BK41636	SW8081	12/19/15	2	trans-Chlordane		ug/kg	U	3.6	3.6
15SB4 0-2	BK41636	SW8081	12/19/15	2	Endrin Ketone		ug/kg	U	7.3	7.3
15SB4 0-2	BK41636	SW8081	12/19/15	2	Chlordane		ug/kg	U	36	36



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB4 0-2	BK41636	SW8081	12/19/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.5	1.5
15SB4 0-2	BK41636	SW8081	12/19/15	2	Dieldrin		ug/kg	U	3.6	3.6
15SB4 0-2	BK41636	SW8081	12/19/15	2	Endrin		ug/kg	U	7.3	7.3
15SB4 0-2	BK41636	SW8081	12/19/15	2	Methoxychlor		ug/kg	U	36	36
15SB4 0-2	BK41636	SW8081	12/19/15	2	P,P'-DDD		ug/kg	U	2.2	2.2
15SB4 0-2	BK41636	SW8081	12/19/15	2	P,P'-DDE		ug/kg	U	2.2	2.2
15SB4 0-2	BK41636	SW8081	12/19/15	2	Endrin Aldehyde		ug/kg	U	7.3	7.3
15SB4 0-2	BK41636	SW8081	12/19/15	2	Heptachlor		ug/kg	U	7.3	7.3
15SB4 0-2	BK41636	SW8081	12/19/15	2	Toxaphene		ug/kg	U	150	150
15SB4 0-2	BK41636	SW8081	12/19/15	2	Alpha Endosulfan		ug/kg	U	7.3	7.3
15SB4 0-2	BK41636	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	36	36
15SB4 0-2	BK41636	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	36	36
15SB4 0-2	BK41636	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	36	36
15SB4 0-2	BK41636	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	36	36
15SB4 0-2	BK41636	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	36	36
15SB4 0-2	BK41636	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	36	36
15SB4 0-2	BK41636	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	36	36
15SB4 0-2	BK41636	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	36	36
15SB4 0-2	BK41636	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	36	36
15SB4 0-2	BK41636	SW8260	12/21/15	50	Toluene	23	ug/kg	J	19	190
15SB4 0-2	BK41636	SW8260	12/21/15	50	Tetrachloroethylene (PCE)	70	ug/kg	J	39	190
15SB4 0-2	BK41636	SW8260	12/21/15	50	Trichloroethylene (TCE)	140	ug/kg	J	19	190
15SB4 0-2	BK41636	SW8260	12/21/15	1	Ethylbenzene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Styrene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	N-Propylbenzene		ug/kg	U	0.39	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	N-Butylbenzene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	4-Chlorotoluene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Acrolein		ug/kg	U	1.1	8.7
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,2-Dichloroethane		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Acrylonitrile		ug/kg	U	0.22	8.7
15SB4 0-2	BK41636	SW8260	12/21/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	2.2	11
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Bromobenzene		ug/kg	U	0.22	2.2



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB4 0-2	BK41636	SW8260	12/21/15	1	Chlorobenzene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Tetrahydrofuran		ug/kg	U	1.1	4.3
15SB4 0-2	BK41636	SW8260	12/21/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	1.1	4.3
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	17	43
15SB4 0-2	BK41636	SW8260	12/21/15	1	Dibromochloromethane		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Sec-Butylbenzene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,3-Dichloropropane		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Tert-Butyl Methyl Ether		ug/kg	U	0.43	4.3
15SB4 0-2	BK41636	SW8260	12/21/15	1	m,p-Xylene		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	O-Cymene (O-Isopropyltoluene)		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Carbon Tetrachloride		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,1-Dichloropropene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	2-Hexanone		ug/kg	U	2.2	11
15SB4 0-2	BK41636	SW8260	12/21/15	1	2,2-Dichloropropane		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Chloroform		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Benzene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,1,1-Trichloroethane		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Bromomethane		ug/kg	U	0.87	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Chloromethane		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Dibromomethane		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Bromochloromethane		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Chloroethane		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Vinyl Chloride		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Methylene Chloride		ug/kg	U	2.2	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Carbon Disulfide		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Bromoform		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Bromodichloromethane		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,1-Dichloroethane		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,1-Dichloroethene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Tert-Butyl Alcohol		ug/kg	U	8.7	43
15SB4 0-2	BK41636	SW8260	12/21/15	1	Trichlorofluoromethane		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Dichlorodifluoromethane		ug/kg	U	0.22	2.2



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,2-Dichloropropane		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	2.2	13
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,1,2-Trichloroethane		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,2,3-Trichlorobenzene		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Hexachlorobutadiene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Naphthalene		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	2-Chlorotoluene		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,2,4-Trimethylbenzene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	0.43	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	1,2,3-Trichloropropane		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	T-Butylbenzene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Isopropylbenzene (Cumene)		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8260	12/21/15	1	Cymene		ug/kg	U	0.22	2.2
15SB4 0-2	BK41636	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	120	740
15SB4 0-2	BK41636	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	170	370
15SB4 0-2	BK41636	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	91	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	170	290
15SB4 0-2	BK41636	SW8270	12/19/15	1	Phenol		ug/kg	U	120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	99	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	100	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	95	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Anthracene		ug/kg	U	120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	130	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	140	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Benzo(A)Pyrene	380	ug/kg		120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	100	260



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB4 0-2	BK41636	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	100	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	130	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Aniline		ug/kg	U	290	290
15SB4 0-2	BK41636	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	100	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Isophorone		ug/kg	U	100	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	140	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	95	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	140	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Fluorene		ug/kg	U	120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Carbazole		ug/kg	U	280	1800
15SB4 0-2	BK41636	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	130	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	140	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	370	740
15SB4 0-2	BK41636	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	230	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Naphthalene		ug/kg	U	110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	100	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	170	740
15SB4 0-2	BK41636	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	170	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	100	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	100	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	130	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	200	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Acetophenone		ug/kg	U	110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	130	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	740	740
15SB4 0-2	BK41636	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	140	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Benzo(B)Fluoranthene	320	ug/kg		130	260



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB4 0-2	BK41636	SW8270	12/19/15	1	Benzo(G,H,I)Perylene	240	ug/kg	J	120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Benzo(K)Fluoranthene	360	ug/kg		120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate	1400	ug/kg		110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Chrysene	460	ug/kg		120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Di-N-Butyl Phthalate	110	ug/kg	J	98	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Fluoranthene	740	ug/kg		120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene	230	ug/kg	J	120	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Phenanthrene	600	ug/kg		110	260
15SB4 0-2	BK41636	SW8270	12/19/15	1	Pyrene	750	ug/kg		130	260
15SB4 11-13	BK41637	SW8270	12/19/15	1	Acenaphthene	210	ug/kg	J	130	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Anthracene	150	ug/kg	J	140	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Benzo(A)Anthracene	580	ug/kg		140	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	100	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	300	850
15SB4 11-13	BK41637	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	460	2100
15SB4 11-13	BK41637	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	850	2100
15SB4 11-13	BK41637	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	130	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	250	850
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Acetone		ug/kg	UJ	4700	47000
15SB4 11-13	BK41637	SW8270	12/19/15	1	Benzo(A)Pyrene	780	ug/kg		140	300
15SB4 11-13	BK41637	E160.3	12/18/15	1	Solids, Percent	77	%			
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Ethylbenzene		ug/kg	U	470	1000
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Styrene		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Cis-1,3-Dichloropropene		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Trans-1,3-Dichloropropene		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	N-Propylbenzene	12000	ug/kg		840	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	N-Butylbenzene	2000	ug/kg	J	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	4-Chlorotoluene		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,4-Dichlorobenzene		ug/kg	U	470	1800
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Acrolein		ug/kg	U	2300	19000
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,2-Dichloroethane		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Acrylonitrile		ug/kg	U	470	19000
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	4700	23000
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Bromobenzene		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Toluene		ug/kg	U	470	700



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Chlorobenzene		ug/kg	U	470	1100
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Tetrahydrofuran		ug/kg	U	2300	9300
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Trans-1,4-Dichloro-2-Butene		ug/kg	U	2300	9300
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,2,4-Trichlorobenzene		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,4-Dioxane (P-Dioxane)		ug/kg	U	37000	93000
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Dibromochloromethane		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Tetrachloroethylene (PCE)		ug/kg	U	930	1300
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Sec-Butylbenzene	19000	ug/kg		470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,3-Dichloropropane		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Cis-1,2-Dichloroethylene		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Trans-1,2-Dichloroethene		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Tert-Butyl Methyl Ether		ug/kg	U	930	930
15SB4 11-13	BK41637	SW8260	12/21/15	1000	m,p-Xylene		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	O-Cymene (O-Isopropyltoluene)	7100	ug/kg		470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,3-Dichlorobenzene		ug/kg	U	470	2400
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Carbon Tetrachloride		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,1-Dichloropropene		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	2-Hexanone		ug/kg	U	4700	23000
15SB4 11-13	BK41637	SW8260	12/21/15	1000	2,2-Dichloropropane		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,1,1,2-Tetrachloroethane		ug/kg	U	930	19000
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Chloroform		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Benzene		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,1,1-Trichloroethane		ug/kg	U	470	680
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Bromomethane		ug/kg	U	1900	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Chloromethane		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Dibromomethane		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Bromochloromethane		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Chloroethane		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Vinyl Chloride		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Methylene Chloride		ug/kg	U	4700	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Carbon Disulfide		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Bromoform		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Bromodichloromethane		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,1-Dichloroethane		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,1-Dichloroethene		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Tert-Butyl Alcohol		ug/kg	U	19000	93000
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Trichlorofluoromethane		ug/kg	U	930	4700



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Dichlorodifluoromethane		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,2-Dichloropropane		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	4700	28000
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,1,2-Trichloroethane		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Trichloroethylene (TCE)		ug/kg	U	470	470
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,1,2,2-Tetrachloroethane		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,2,3-Trichlorobenzene		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Hexachlorobutadiene		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Naphthalene		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	2-Chlorotoluene		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,2-Dichlorobenzene		ug/kg	U	470	1100
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,2,4-Trimethylbenzene	530	ug/kg	J	470	3600
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,2-Dibromo-3-Chloropropane		ug/kg	U	930	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	1,2,3-Trichloropropane		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	T-Butylbenzene	3400	ug/kg	J	470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Isopropylbenzene (Cumene)	6600	ug/kg		470	4700
15SB4 11-13	BK41637	SW8260	12/21/15	1000	Cymene		ug/kg	U	470	4700
15SB4 11-13	BK41637	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	140	850
15SB4 11-13	BK41637	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	190	420
15SB4 11-13	BK41637	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	120	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	UJ	100	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	130	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	UJ	200	340
15SB4 11-13	BK41637	SW8270	12/19/15	1	Phenol		ug/kg	U	140	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	110	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	UJ	120	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	110	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	120	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	UJ	130	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	UJ	150	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	170	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	140	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	130	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	120	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	120	300



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB4 11-13	BK41637	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	120	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	140	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	130	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	UJ	150	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	130	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	140	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Aniline		ug/kg	U	340	340
15SB4 11-13	BK41637	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	120	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	130	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	140	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Isophorone		ug/kg	UJ	120	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	160	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	130	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	110	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	110	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	160	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Benzo(B)Fluoranthene	610	ug/kg		140	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Carbazole		ug/kg	U	320	2100
15SB4 11-13	BK41637	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	UJ	150	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	160	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	UJ	140	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	430	850
15SB4 11-13	BK41637	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	UJ	270	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Naphthalene		ug/kg	UJ	120	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	UJ	130	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	120	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	200	850
15SB4 11-13	BK41637	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	200	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	120	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	120	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	UJ	150	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	UJ	230	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Acetophenone		ug/kg	U	130	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Nitrobenzene		ug/kg	UJ	150	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	850	850
15SB4 11-13	BK41637	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	170	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Benzo(G,H,I)Perylene	430	ug/kg		140	300



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB4 11-13	BK41637	SW8270	12/19/15	1	Benzo(K)Fluoranthene	590	ug/kg		140	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate	160	ug/kg	J	120	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Chrysene	680	ug/kg		140	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Fluoranthene	770	ug/kg		140	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Fluorene	160	ug/kg	J	140	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene	480	ug/kg		140	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Phenanthrene	750	ug/kg		120	300
15SB4 11-13	BK41637	SW8270	12/19/15	1	Pyrene	760	ug/kg		150	300
15SB4 18-20	BK41638	SW8270	12/19/15	1	Benzo(A)Anthracene	300	ug/kg	J	160	320
15SB4 18-20	BK41638	SW6010	12/20/15	1	Potassium	1190	mg/kg	J+	3.8	10
15SB4 18-20	BK41638	SW6010	12/20/15	1	Sodium	416	mg/kg	J+	4.2	10
15SB4 18-20	BK41638	SW8081	12/23/15	2	Aldrin		ug/kg	U	4.7	4.7
15SB4 18-20	BK41638	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	110	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	320	920
15SB4 18-20	BK41638	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	500	2300
15SB4 18-20	BK41638	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	920	2300
15SB4 18-20	BK41638	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	140	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	270	920
15SB4 18-20	BK41638	SW6010	12/19/15	10	Iron	19300	mg/kg	J+	48	48
15SB4 18-20	BK41638	SW6010	12/20/15	1	Copper	89.6	mg/kg		0.48	0.48
15SB4 18-20	BK41638	SW8260	12/21/15	1	Acetone	32	ug/kg	J	5.2	50
15SB4 18-20	BK41638	SW8270	12/19/15	1	Benzo(A)Pyrene	300	ug/kg	J	150	320
15SB4 18-20	BK41638	E160.3	12/18/15	1	Solids, Percent	70	%			
15SB4 18-20	BK41638	SW6010	12/19/15	10	Aluminum	7150	mg/kg		9.7	48
15SB4 18-20	BK41638	SW6010	12/19/15	10	Lead	512	mg/kg		4.8	9.7
15SB4 18-20	BK41638	SW6010	12/19/15	10	Manganese	284	mg/kg		4.8	4.8
15SB4 18-20	BK41638	SW6010	12/19/15	10	Zinc	359	mg/kg		4.8	9.7
15SB4 18-20	BK41638	SW6010	12/20/15	1	Magnesium	1480	mg/kg		4.8	4.8
15SB4 18-20	BK41638	SW6010	12/20/15	1	Nickel	17.8	mg/kg		0.48	0.48
15SB4 18-20	BK41638	SW6010	12/20/15	1	Silver		mg/kg	U	0.48	0.48
15SB4 18-20	BK41638	SW6010	12/20/15	1	Thallium		mg/kg	U	1.9	1.9
15SB4 18-20	BK41638	SW6010	12/20/15	1	Antimony		mg/kg	U	2.4	2.4
15SB4 18-20	BK41638	SW6010	12/20/15	1	Arsenic	18.1	mg/kg		0.97	1.0
15SB4 18-20	BK41638	SW6010	12/20/15	1	Barium	183	mg/kg		0.48	1.0
15SB4 18-20	BK41638	SW6010	12/20/15	1	Beryllium	0.44	mg/kg		0.19	0.39
15SB4 18-20	BK41638	SW6010	12/20/15	1	Cadmium	0.63	mg/kg		0.19	0.48
15SB4 18-20	BK41638	SW6010	12/20/15	1	Chromium, Total	18.5	mg/kg		0.48	0.48



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB4 18-20	BK41638	SW6010	12/20/15	1	Cobalt	9.21	mg/kg		0.48	0.48
15SB4 18-20	BK41638	SW6010	12/20/15	1	Vanadium	30.6	mg/kg		0.48	0.5
15SB4 18-20	BK41638	SW6010	12/20/15	1	Calcium	7480	mg/kg		4.4	4.8
15SB4 18-20	BK41638	SW6010	12/20/15	1	Selenium		mg/kg	U	1.6	1.9
15SB4 18-20	BK41638	SW7471	12/21/15	1	Mercury	3.35	mg/kg		0.22	0.36
15SB4 18-20	BK41638	SW8081	12/23/15	2	Heptachlor Epoxide		ug/kg	U	9.3	9.3
15SB4 18-20	BK41638	SW8081	12/23/15	2	Endosulfan Sulfate		ug/kg	U	9.3	9.3
15SB4 18-20	BK41638	SW8081	12/23/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	9.3	9.3
15SB4 18-20	BK41638	SW8081	12/23/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	9.3	9.3
15SB4 18-20	BK41638	SW8081	12/23/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	9.3	9.3
15SB4 18-20	BK41638	SW8081	12/23/15	2	Beta Endosulfan		ug/kg	U	9.3	9.3
15SB4 18-20	BK41638	SW8081	12/23/15	2	P,P'-DDT		ug/kg	U	2.8	2.8
15SB4 18-20	BK41638	SW8081	12/23/15	2	cis-Chlordane		ug/kg	U	4.7	4.7
15SB4 18-20	BK41638	SW8081	12/23/15	2	trans-Chlordane		ug/kg	U	4.7	4.7
15SB4 18-20	BK41638	SW8081	12/23/15	2	Endrin Ketone		ug/kg	U	9.3	9.3
15SB4 18-20	BK41638	SW8081	12/23/15	2	Chlordane		ug/kg	U	47	47
15SB4 18-20	BK41638	SW8081	12/23/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.9	1.9
15SB4 18-20	BK41638	SW8081	12/23/15	2	Dieldrin		ug/kg	U	4.7	4.7
15SB4 18-20	BK41638	SW8081	12/23/15	2	Endrin		ug/kg	U	9.3	9.3
15SB4 18-20	BK41638	SW8081	12/23/15	2	Methoxychlor		ug/kg	U	47	47
15SB4 18-20	BK41638	SW8081	12/23/15	2	P,P'-DDD		ug/kg	U	2.8	2.8
15SB4 18-20	BK41638	SW8081	12/23/15	2	P,P'-DDE		ug/kg	U	2.8	2.8
15SB4 18-20	BK41638	SW8081	12/23/15	2	Endrin Aldehyde		ug/kg	U	9.3	9.3
15SB4 18-20	BK41638	SW8081	12/23/15	2	Heptachlor		ug/kg	U	9.3	9.3
15SB4 18-20	BK41638	SW8081	12/23/15	2	Toxaphene		ug/kg	U	190	190
15SB4 18-20	BK41638	SW8081	12/23/15	2	Alpha Endosulfan		ug/kg	UJ	9.3	9.3
15SB4 18-20	BK41638	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	47	47
15SB4 18-20	BK41638	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	47	47
15SB4 18-20	BK41638	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	47	47
15SB4 18-20	BK41638	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	47	47
15SB4 18-20	BK41638	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	47	47
15SB4 18-20	BK41638	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	47	47
15SB4 18-20	BK41638	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	47	47
15SB4 18-20	BK41638	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	47	47
15SB4 18-20	BK41638	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	47	47
15SB4 18-20	BK41638	SW8260	12/21/15	50	Cymene	79	ug/kg	J	34	340
15SB4 18-20	BK41638	SW8260	12/21/15	1	Ethylbenzene		ug/kg	U	0.52	5.2



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB4 18-20	BK41638	SW8260	12/21/15	1	Styrene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	N-Propylbenzene		ug/kg	U	0.94	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	N-Butylbenzene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	4-Chlorotoluene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Acrolein		ug/kg	U	2.6	21
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,2-Dichloroethane		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Acrylonitrile		ug/kg	U	0.52	21
15SB4 18-20	BK41638	SW8260	12/21/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	5.2	26
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Bromobenzene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Toluene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Chlorobenzene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Tetrahydrofuran		ug/kg	U	2.6	10
15SB4 18-20	BK41638	SW8260	12/21/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	2.6	10
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	42	100
15SB4 18-20	BK41638	SW8260	12/21/15	1	Dibromochloromethane		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Tetrachloroethylene (PCE)		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Sec-Butylbenzene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,3-Dichloropropane		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Tert-Butyl Methyl Ether		ug/kg	U	1.0	10
15SB4 18-20	BK41638	SW8260	12/21/15	1	m,p-Xylene		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	O-Cymene (O-Isopropyltoluene)		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Carbon Tetrachloride		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,1-Dichloropropene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	2-Hexanone		ug/kg	U	5.2	26
15SB4 18-20	BK41638	SW8260	12/21/15	1	2,2-Dichloropropane		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	1.0	21
15SB4 18-20	BK41638	SW8260	12/21/15	1	Chloroform		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Benzene		ug/kg	U	0.52	5.2



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,1,1-Trichloroethane		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Bromomethane		ug/kg	U	2.1	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Chloromethane		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Dibromomethane		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Bromochloromethane		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Chloroethane		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Vinyl Chloride		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Methylene Chloride		ug/kg	U	5.2	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Carbon Disulfide		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Bromoform		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Bromodichloromethane		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,1-Dichloroethane		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,1-Dichloroethene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Tert-Butyl Alcohol		ug/kg	U	21	100
15SB4 18-20	BK41638	SW8260	12/21/15	1	Trichlorofluoromethane		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Dichlorodifluoromethane		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,2-Dichloropropane		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Methyl Ethyl Ketone (2-Butanone)	8.7	ug/kg	J	5.2	31
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,1,2-Trichloroethane		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Trichloroethylene (TCE)		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,2,3-Trichlorobenzene		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Hexachlorobutadiene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Naphthalene		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	2-Chlorotoluene		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,2,4-Trimethylbenzene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	1.0	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	1,2,3-Trichloropropane		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	T-Butylbenzene		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8260	12/21/15	1	Isopropylbenzene (Cumene)		ug/kg	U	0.52	5.2
15SB4 18-20	BK41638	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	150	920
15SB4 18-20	BK41638	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	210	460
15SB4 18-20	BK41638	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	140	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	110	320



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB4 18-20	BK41638	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	140	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	220	370
15SB4 18-20	BK41638	SW8270	12/19/15	1	Phenol		ug/kg	U	150	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	120	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	130	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	130	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	120	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	130	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Anthracene		ug/kg	U	150	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	140	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	160	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	180	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	150	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	140	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	130	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Benzo(G,H,I)Perylene		ug/kg	U	150	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Benzo(B)Fluoranthene	260	ug/kg	J	160	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	130	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	130	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	150	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	140	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	160	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	150	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	150	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Aniline		ug/kg	U	370	370
15SB4 18-20	BK41638	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	130	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	140	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	160	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Isophorone		ug/kg	U	130	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	170	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	140	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	150	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	120	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	120	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	180	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Fluorene		ug/kg	U	150	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Carbazole		ug/kg	U	350	2300



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15SB4 18-20	BK41638	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	170	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	170	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	150	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	470	920
15SB4 18-20	BK41638	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	290	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Naphthalene		ug/kg	U	130	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	140	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	130	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	220	920
15SB4 18-20	BK41638	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	220	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	130	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	130	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	160	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	250	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Acetophenone		ug/kg	U	140	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	160	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	920	920
15SB4 18-20	BK41638	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	180	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Benzo(K)Fluoranthene	260	ug/kg	J	150	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Chrysene	320	ug/kg	J	160	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Fluoranthene	630	ug/kg		150	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene	180	ug/kg	J	150	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Phenanthrene	570	ug/kg		130	320
15SB4 18-20	BK41638	SW8270	12/19/15	1	Pyrene	550	ug/kg		160	320
15SB6 0-2	BK41639	SW6010	12/20/15	1	Potassium	1510	mg/kg	J+	3.1	8
15SB6 0-2	BK41639	SW6010	12/20/15	1	Sodium	826	mg/kg	J+	3.4	8
15SB6 0-2	BK41639	SW8081	12/23/15	2	Aldrin		ug/kg	U	3.9	3.9
15SB6 0-2	BK41639	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	94	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Benzo(A)Pyrene	130	ug/kg	J	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	270	760
15SB6 0-2	BK41639	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	410	1900
15SB6 0-2	BK41639	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	760	1900
15SB6 0-2	BK41639	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	220	760
15SB6 0-2	BK41639	SW6010	12/20/15	10	Iron	35100	mg/kg		40	40
15SB6 0-2	BK41639	SW6010	12/20/15	1	Copper	95.2	mg/kg		0.40	0.40
15SB6 0-2	BK41639	SW8260	12/23/15	1	Acetone		ug/kg	UJ	8.1	50



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41633**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB6 0-2	BK41639	E160.3	12/18/15	1	Solids, Percent	85	%			
15SB6 0-2	BK41639	SW6010	12/20/15	10	Aluminum	4460	mg/kg		7.9	40
15SB6 0-2	BK41639	SW6010	12/20/15	10	Lead	733	mg/kg		4.0	7.9
15SB6 0-2	BK41639	SW6010	12/20/15	10	Manganese	364	mg/kg		4.0	4.0
15SB6 0-2	BK41639	SW6010	12/20/15	10	Zinc	768	mg/kg		4.0	7.9
15SB6 0-2	BK41639	SW6010	12/20/15	10	Calcium	11400	mg/kg		37	40
15SB6 0-2	BK41639	SW6010	12/20/15	1	Magnesium	2240	mg/kg		4.0	4.0
15SB6 0-2	BK41639	SW6010	12/20/15	1	Nickel	17.6	mg/kg		0.40	0.40
15SB6 0-2	BK41639	SW6010	12/20/15	1	Silver		mg/kg	U	0.40	0.40
15SB6 0-2	BK41639	SW6010	12/20/15	1	Thallium		mg/kg	U	1.6	1.6
15SB6 0-2	BK41639	SW6010	12/20/15	1	Antimony	15.6	mg/kg		2.0	2.0
15SB6 0-2	BK41639	SW6010	12/20/15	1	Arsenic	14.1	mg/kg		0.79	0.8
15SB6 0-2	BK41639	SW6010	12/20/15	1	Barium	256	mg/kg		0.40	0.8
15SB6 0-2	BK41639	SW6010	12/20/15	1	Beryllium	0.25	mg/kg	J	0.16	0.32
15SB6 0-2	BK41639	SW6010	12/20/15	1	Cadmium	1.55	mg/kg		0.16	0.40
15SB6 0-2	BK41639	SW6010	12/20/15	1	Chromium, Total	15.2	mg/kg		0.40	0.40
15SB6 0-2	BK41639	SW6010	12/20/15	1	Cobalt	9.90	mg/kg		0.40	0.40
15SB6 0-2	BK41639	SW6010	12/20/15	1	Vanadium	19.4	mg/kg		0.40	0.4
15SB6 0-2	BK41639	SW6010	12/20/15	1	Selenium		mg/kg	U	1.4	1.6
15SB6 0-2	BK41639	SW7471	12/21/15	1	Mercury	0.45	mg/kg		0.02	0.03
15SB6 0-2	BK41639	SW8081	12/23/15	2	Heptachlor Epoxide		ug/kg	U	7.8	7.8
15SB6 0-2	BK41639	SW8081	12/23/15	2	Endosulfan Sulfate		ug/kg	U	7.8	7.8
15SB6 0-2	BK41639	SW8081	12/23/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	7.8	7.8
15SB6 0-2	BK41639	SW8081	12/23/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	7.8	7.8
15SB6 0-2	BK41639	SW8081	12/23/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	7.8	7.8
15SB6 0-2	BK41639	SW8081	12/23/15	2	Beta Endosulfan		ug/kg	U	7.8	7.8
15SB6 0-2	BK41639	SW8081	12/23/15	2	P,P'-DDT		ug/kg	U	2.3	2.3
15SB6 0-2	BK41639	SW8081	12/23/15	2	cis-Chlordane		ug/kg	U	3.9	3.9
15SB6 0-2	BK41639	SW8081	12/23/15	2	trans-Chlordane		ug/kg	U	3.9	3.9
15SB6 0-2	BK41639	SW8081	12/23/15	2	Endrin Ketone		ug/kg	U	7.8	7.8
15SB6 0-2	BK41639	SW8081	12/23/15	2	Chlordane		ug/kg	U	39	39
15SB6 0-2	BK41639	SW8081	12/23/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.6	1.6
15SB6 0-2	BK41639	SW8081	12/23/15	2	Dieldrin		ug/kg	U	3.9	3.9
15SB6 0-2	BK41639	SW8081	12/23/15	2	Endrin		ug/kg	U	7.8	7.8
15SB6 0-2	BK41639	SW8081	12/23/15	2	Methoxychlor		ug/kg	U	39	39
15SB6 0-2	BK41639	SW8081	12/23/15	2	P,P'-DDD		ug/kg	U	2.3	2.3
15SB6 0-2	BK41639	SW8081	12/23/15	2	P,P'-DDE		ug/kg	U	2.3	2.3



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB6 0-2	BK41639	SW8081	12/23/15	2	Endrin Aldehyde		ug/kg	U	7.8	7.8
15SB6 0-2	BK41639	SW8081	12/23/15	2	Heptachlor		ug/kg	U	7.8	7.8
15SB6 0-2	BK41639	SW8081	12/23/15	2	Toxaphene		ug/kg	U	160	160
15SB6 0-2	BK41639	SW8081	12/23/15	2	Alpha Endosulfan		ug/kg	UJ	7.8	7.8
15SB6 0-2	BK41639	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	39	39
15SB6 0-2	BK41639	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	39	39
15SB6 0-2	BK41639	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	39	39
15SB6 0-2	BK41639	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	39	39
15SB6 0-2	BK41639	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	39	39
15SB6 0-2	BK41639	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	39	39
15SB6 0-2	BK41639	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	39	39
15SB6 0-2	BK41639	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	39	39
15SB6 0-2	BK41639	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	39	39
15SB6 0-2	BK41639	SW8260	12/22/15	50	Tetrachloroethylene (PCE)	76	ug/kg	J	50	250
15SB6 0-2	BK41639	SW8260	12/22/15	50	Trichloroethylene (TCE)	630	ug/kg		25	250
15SB6 0-2	BK41639	SW8260	12/23/15	1	Ethylbenzene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Styrene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	N-Propylbenzene		ug/kg	U	1.5	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	N-Butylbenzene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	4-Chlorotoluene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,4-Dichlorobenzene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Acrolein		ug/kg	U	4.0	32
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,2-Dichloroethane		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Acrylonitrile		ug/kg	U	0.81	32
15SB6 0-2	BK41639	SW8260	12/23/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	8.1	40
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Bromobenzene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Toluene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Chlorobenzene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Tetrahydrofuran		ug/kg	U	4.0	16
15SB6 0-2	BK41639	SW8260	12/23/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	4.0	16
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,2,4-Trichlorobenzene		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	64	100
15SB6 0-2	BK41639	SW8260	12/23/15	1	Dibromochloromethane		ug/kg	U	1.6	8.1



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB6 0-2	BK41639	SW8260	12/23/15	1	Sec-Butylbenzene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,3-Dichloropropane		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Tert-Butyl Methyl Ether		ug/kg	U	1.6	16
15SB6 0-2	BK41639	SW8260	12/23/15	1	m,p-Xylene		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	O-Cymene (O-Isopropyltoluene)		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,3-Dichlorobenzene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Carbon Tetrachloride		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,1-Dichloropropene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	2-Hexanone		ug/kg	U	8.1	40
15SB6 0-2	BK41639	SW8260	12/23/15	1	2,2-Dichloropropane		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	1.6	32
15SB6 0-2	BK41639	SW8260	12/23/15	1	Chloroform		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Benzene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,1,1-Trichloroethane		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Bromomethane		ug/kg	U	3.2	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Chloromethane		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Dibromomethane		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Bromochloromethane		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Chloroethane		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Vinyl Chloride		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Methylene Chloride		ug/kg	U	8.1	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Carbon Disulfide		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Bromoform		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Bromodichloromethane		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,1-Dichloroethane		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,1-Dichloroethene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Tert-Butyl Alcohol		ug/kg	U	32	160
15SB6 0-2	BK41639	SW8260	12/23/15	1	Trichlorofluoromethane		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Dichlorodifluoromethane		ug/kg	UJ	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,2-Dichloropropane		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	8.1	48
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,1,2-Trichloroethane		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,2,3-Trichlorobenzene		ug/kg	U	1.6	8.1



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BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB6 0-2	BK41639	SW8260	12/23/15	1	Hexachlorobutadiene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Naphthalene		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	2-Chlorotoluene		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,2-Dichlorobenzene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,2,4-Trimethylbenzene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	1.6	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	1,2,3-Trichloropropane		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	T-Butylbenzene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Isopropylbenzene (Cumene)		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8260	12/23/15	1	Cymene		ug/kg	U	0.81	8.1
15SB6 0-2	BK41639	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	130	760
15SB6 0-2	BK41639	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	170	380
15SB6 0-2	BK41639	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	94	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	180	300
15SB6 0-2	BK41639	SW8270	12/19/15	1	Phenol		ug/kg	U	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	100	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	98	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Anthracene		ug/kg	U	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	130	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	150	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Benzo(G,H,I)Perylene		ug/kg	U	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	130	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Benzo(B)Fluoranthene		ug/kg	U	130	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Benzo(K)Fluoranthene		ug/kg	U	130	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	120	270



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB6 0-2	BK41639	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Benzo(A)Anthracene		ug/kg	U	130	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	130	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Aniline		ug/kg	U	300	300
15SB6 0-2	BK41639	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	130	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Isophorone		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	140	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	100	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Phenanthrene		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	98	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	150	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Fluorene		ug/kg	U	130	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Carbazole		ug/kg	U	290	1900
15SB6 0-2	BK41639	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	140	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	140	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	380	760
15SB6 0-2	BK41639	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	240	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Naphthalene		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	180	760
15SB6 0-2	BK41639	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	180	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	110	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	130	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	210	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Acetophenone		ug/kg	U	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	130	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	760	760
15SB6 0-2	BK41639	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	150	270



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB6 0-2	BK41639	SW8270	12/19/15	1	Chrysene	150	ug/kg	J	130	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Fluoranthene	200	ug/kg	J	120	270
15SB6 0-2	BK41639	SW8270	12/19/15	1	Pyrene	230	ug/kg	J	130	270
15SB6 11-13	BK41640	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	120	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Benzo(A)Pyrene	190	ug/kg	J	160	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	350	990
15SB6 11-13	BK41640	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	530	2500
15SB6 11-13	BK41640	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	990	2500
15SB6 11-13	BK41640	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	150	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	290	990
15SB6 11-13	BK41640	SW8270	12/19/15	1	Benzo(B)Fluoranthene	180	ug/kg	J	170	350
15SB6 11-13	BK41640	SW8260	12/23/15	200	Acetone		ug/kg	UJ	2400	24000
15SB6 11-13	BK41640	E160.3	12/18/15	1	Solids, Percent	66	%			
15SB6 11-13	BK41640	SW8260	12/23/15	200	Ethylbenzene		ug/kg	U	240	1000
15SB6 11-13	BK41640	SW8260	12/23/15	200	Styrene		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Cis-1,3-Dichloropropene		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Trans-1,3-Dichloropropene		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	N-Propylbenzene	1200	ug/kg	J	440	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	N-Butylbenzene	710	ug/kg	J	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	4-Chlorotoluene		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,4-Dichlorobenzene		ug/kg	U	240	1800
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Acrolein		ug/kg	U	1200	9700
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,2-Dichloroethane		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Acrylonitrile		ug/kg	U	240	9700
15SB6 11-13	BK41640	SW8260	12/23/15	200	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	2400	12000
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Bromobenzene		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Toluene		ug/kg	U	240	700
15SB6 11-13	BK41640	SW8260	12/23/15	200	Chlorobenzene		ug/kg	U	240	1100
15SB6 11-13	BK41640	SW8260	12/23/15	200	Tetrahydrofuran		ug/kg	U	1200	4800
15SB6 11-13	BK41640	SW8260	12/23/15	200	Trans-1,4-Dichloro-2-Butene		ug/kg	U	1200	4800
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,2,4-Trichlorobenzene		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,4-Dioxane (P-Dioxane)		ug/kg	U	19000	48000
15SB6 11-13	BK41640	SW8260	12/23/15	200	Dibromochloromethane		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Tetrachloroethylene (PCE)		ug/kg	U	480	1300
15SB6 11-13	BK41640	SW8260	12/23/15	200	Sec-Butylbenzene	3400	ug/kg		240	2400



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,3-Dichloropropane		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Cis-1,2-Dichloroethylene		ug/kg	U	240	250
15SB6 11-13	BK41640	SW8260	12/23/15	200	Trans-1,2-Dichloroethene		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Tert-Butyl Methyl Ether		ug/kg	U	480	930
15SB6 11-13	BK41640	SW8260	12/23/15	200	m,p-Xylene		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	O-Cymene (O-Isopropyltoluene)	1800	ug/kg	J	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,3-Dichlorobenzene		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Carbon Tetrachloride		ug/kg	U	480	760
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,1-Dichloropropene		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	2-Hexanone		ug/kg	U	2400	12000
15SB6 11-13	BK41640	SW8260	12/23/15	200	2,2-Dichloropropane		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,1,1,2-Tetrachloroethane		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Chloroform		ug/kg	U	240	370
15SB6 11-13	BK41640	SW8260	12/23/15	200	Benzene		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,1,1-Trichloroethane		ug/kg	U	240	680
15SB6 11-13	BK41640	SW8260	12/23/15	200	Bromomethane		ug/kg	U	970	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Chloromethane		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Dibromomethane		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Bromochloromethane		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Chloroethane		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Vinyl Chloride		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Methylene Chloride		ug/kg	U	2400	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Carbon Disulfide		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Bromoform		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Bromodichloromethane		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,1-Dichloroethane		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,1-Dichloroethene		ug/kg	U	240	330
15SB6 11-13	BK41640	SW8260	12/23/15	200	Tert-Butyl Alcohol		ug/kg	U	9700	48000
15SB6 11-13	BK41640	SW8260	12/23/15	200	Trichlorofluoromethane		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Dichlorodifluoromethane		ug/kg	UJ	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,2-Dichloropropane		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	2400	15000
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,1,2-Trichloroethane		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Trichloroethylene (TCE)		ug/kg	U	240	470
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,1,2,2-Tetrachloroethane		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,2,3-Trichlorobenzene		ug/kg	U	480	2400



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB6 11-13	BK41640	SW8260	12/23/15	200	Hexachlorobutadiene		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Naphthalene		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	2-Chlorotoluene		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,2-Dichlorobenzene		ug/kg	U	240	1100
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,2,4-Trimethylbenzene		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,2-Dibromo-3-Chloropropane		ug/kg	U	480	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	1,2,3-Trichloropropane		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	T-Butylbenzene	650	ug/kg	J	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Isopropylbenzene (Cumene)	590	ug/kg	J	240	2400
15SB6 11-13	BK41640	SW8260	12/23/15	200	Cymene		ug/kg	U	240	2400
15SB6 11-13	BK41640	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	170	990
15SB6 11-13	BK41640	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	220	490
15SB6 11-13	BK41640	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	150	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	120	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	150	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	230	400
15SB6 11-13	BK41640	SW8270	12/19/15	1	Phenol		ug/kg	U	160	330
15SB6 11-13	BK41640	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	130	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	140	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	130	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	140	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Anthracene		ug/kg	U	160	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	150	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	170	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	190	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	160	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	150	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	140	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	160	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Benzo(G,H,I)Perylene	160	ug/kg	J	160	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Benzo(K)Fluoranthene		ug/kg	U	160	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	140	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Chrysene		ug/kg	U	170	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	140	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	160	330
15SB6 11-13	BK41640	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	150	350



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB6 11-13	BK41640	SW8270	12/19/15	1	Benzo(A)Anthracene		ug/kg	U	170	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	170	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	160	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	160	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Aniline		ug/kg	U	400	400
15SB6 11-13	BK41640	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	140	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	150	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	170	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Isophorone		ug/kg	U	140	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	180	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	150	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	160	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	130	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	130	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	190	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Fluorene		ug/kg	U	160	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Carbazole		ug/kg	U	370	2500
15SB6 11-13	BK41640	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	180	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	190	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	160	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	500	990
15SB6 11-13	BK41640	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	310	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Naphthalene		ug/kg	U	140	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	150	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	140	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	230	990
15SB6 11-13	BK41640	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	230	330
15SB6 11-13	BK41640	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	140	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	140	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	170	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	270	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Acetophenone		ug/kg	U	150	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	170	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	990	990
15SB6 11-13	BK41640	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	190	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate	310	ug/kg	J	140	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Fluoranthene	290	ug/kg	J	160	350



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB6 11-13	BK41640	SW8270	12/19/15	1	Phenanthrene	160	ug/kg	J	140	350
15SB6 11-13	BK41640	SW8270	12/19/15	1	Pyrene	290	ug/kg	J	170	350
15SB6 18-20	BK41641	SW6010	12/20/15	1	Potassium	1300	mg/kg	J+	4.0	10
15SB6 18-20	BK41641	SW6010	12/20/15	1	Sodium	474	mg/kg	J+	4.4	10
15SB6 18-20	BK41641	SW8081	12/23/15	2	Aldrin		ug/kg	U	5.1	5.1
15SB6 18-20	BK41641	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	130	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	360	1000
15SB6 18-20	BK41641	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	560	2600
15SB6 18-20	BK41641	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	1000	2600
15SB6 18-20	BK41641	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	160	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	300	1000
15SB6 18-20	BK41641	SW6010	12/20/15	10	Iron	6780	mg/kg		51	51
15SB6 18-20	BK41641	SW6010	12/20/15	1	Copper	44.7	mg/kg		0.51	0.51
15SB6 18-20	BK41641	SW8260	12/22/15	1	Acetone	70	ug/kg	J	6.5	50
15SB6 18-20	BK41641	E160.3	12/18/15	1	Solids, Percent	64	%			
15SB6 18-20	BK41641	SW6010	12/20/15	10	Aluminum	3110	mg/kg		10	51
15SB6 18-20	BK41641	SW6010	12/20/15	10	Lead	122	mg/kg		5.1	10
15SB6 18-20	BK41641	SW6010	12/20/15	10	Manganese	92.3	mg/kg		5.1	5.1
15SB6 18-20	BK41641	SW6010	12/20/15	1	Magnesium	1190	mg/kg		5.1	5.1
15SB6 18-20	BK41641	SW6010	12/20/15	1	Nickel	65.0	mg/kg		0.51	0.51
15SB6 18-20	BK41641	SW6010	12/20/15	1	Silver		mg/kg	U	0.51	0.51
15SB6 18-20	BK41641	SW6010	12/20/15	1	Thallium		mg/kg	U	2.0	2.0
15SB6 18-20	BK41641	SW6010	12/20/15	1	Antimony		mg/kg	U	2.5	2.5
15SB6 18-20	BK41641	SW6010	12/20/15	1	Arsenic	31.5	mg/kg		1.0	1.0
15SB6 18-20	BK41641	SW6010	12/20/15	1	Barium	818	mg/kg		0.51	1.0
15SB6 18-20	BK41641	SW6010	12/20/15	1	Beryllium	0.42	mg/kg		0.20	0.41
15SB6 18-20	BK41641	SW6010	12/20/15	1	Cadmium	0.57	mg/kg		0.20	0.51
15SB6 18-20	BK41641	SW6010	12/20/15	1	Chromium, Total	27.4	mg/kg		0.51	0.51
15SB6 18-20	BK41641	SW6010	12/20/15	1	Cobalt	11.2	mg/kg		0.51	0.51
15SB6 18-20	BK41641	SW6010	12/20/15	1	Vanadium	28.6	mg/kg		0.51	0.5
15SB6 18-20	BK41641	SW6010	12/20/15	1	Zinc	197	mg/kg		0.51	1.0
15SB6 18-20	BK41641	SW6010	12/20/15	1	Calcium	3660	mg/kg		4.7	5.1
15SB6 18-20	BK41641	SW6010	12/20/15	1	Selenium		mg/kg	U	1.7	2.0
15SB6 18-20	BK41641	SW7471	12/21/15	1	Mercury	14.0	mg/kg		0.25	0.41
15SB6 18-20	BK41641	SW8081	12/23/15	2	Heptachlor Epoxide		ug/kg	U	10	10
15SB6 18-20	BK41641	SW8081	12/23/15	2	Endosulfan Sulfate		ug/kg	U	10	10
15SB6 18-20	BK41641	SW8081	12/23/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	10	10



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB6 18-20	BK41641	SW8081	12/23/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	10	10
15SB6 18-20	BK41641	SW8081	12/23/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	10	10
15SB6 18-20	BK41641	SW8081	12/23/15	2	Beta Endosulfan		ug/kg	U	10	10
15SB6 18-20	BK41641	SW8081	12/23/15	2	P,P'-DDT		ug/kg	U	3.1	3.1
15SB6 18-20	BK41641	SW8081	12/23/15	2	cis-Chlordane		ug/kg	U	5.1	5.1
15SB6 18-20	BK41641	SW8081	12/23/15	2	trans-Chlordane		ug/kg	U	5.1	5.1
15SB6 18-20	BK41641	SW8081	12/23/15	2	Endrin Ketone		ug/kg	U	10	10
15SB6 18-20	BK41641	SW8081	12/23/15	2	Chlordane		ug/kg	U	51	51
15SB6 18-20	BK41641	SW8081	12/23/15	2	Gamma Bhc (Lindane)		ug/kg	U	2.1	2.1
15SB6 18-20	BK41641	SW8081	12/23/15	2	Dieldrin		ug/kg	U	5.1	5.1
15SB6 18-20	BK41641	SW8081	12/23/15	2	Endrin		ug/kg	U	10	10
15SB6 18-20	BK41641	SW8081	12/23/15	2	Methoxychlor		ug/kg	U	51	51
15SB6 18-20	BK41641	SW8081	12/23/15	2	P,P'-DDD		ug/kg	U	3.1	3.1
15SB6 18-20	BK41641	SW8081	12/23/15	2	P,P'-DDE		ug/kg	U	3.1	3.1
15SB6 18-20	BK41641	SW8081	12/23/15	2	Endrin Aldehyde		ug/kg	U	10	10
15SB6 18-20	BK41641	SW8081	12/23/15	2	Heptachlor		ug/kg	U	10	10
15SB6 18-20	BK41641	SW8081	12/23/15	2	Toxaphene		ug/kg	U	210	210
15SB6 18-20	BK41641	SW8081	12/23/15	2	Alpha Endosulfan		ug/kg	UJ	10	10
15SB6 18-20	BK41641	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	51	51
15SB6 18-20	BK41641	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	51	51
15SB6 18-20	BK41641	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	51	51
15SB6 18-20	BK41641	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	51	51
15SB6 18-20	BK41641	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	51	51
15SB6 18-20	BK41641	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	51	51
15SB6 18-20	BK41641	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	51	51
15SB6 18-20	BK41641	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	51	51
15SB6 18-20	BK41641	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	51	51
15SB6 18-20	BK41641	SW8260	12/22/15	1	Ethylbenzene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Styrene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	N-Propylbenzene		ug/kg	U	1.2	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	N-Butylbenzene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	4-Chlorotoluene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,4-Dichlorobenzene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Acrolein		ug/kg	U	3.2	26



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,2-Dichloroethane		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Acrylonitrile		ug/kg	U	0.65	26
15SB6 18-20	BK41641	SW8260	12/22/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	6.5	32
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,3,5-Trimethylbenzene (Mesitylene)	0.99	ug/kg	J	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Bromobenzene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Toluene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Chlorobenzene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Tetrahydrofuran		ug/kg	U	3.2	13
15SB6 18-20	BK41641	SW8260	12/22/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	3.2	13
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,2,4-Trichlorobenzene		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	52	100
15SB6 18-20	BK41641	SW8260	12/22/15	1	Dibromochloromethane		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Tetrachloroethylene (PCE)		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Sec-Butylbenzene	13	ug/kg		0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,3-Dichloropropane		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Tert-Butyl Methyl Ether	1.4	ug/kg	J	1.3	13
15SB6 18-20	BK41641	SW8260	12/22/15	1	m,p-Xylene		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	O-Cymene (O-Isopropyltoluene)	17	ug/kg		0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,3-Dichlorobenzene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Carbon Tetrachloride		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,1-Dichloropropene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	2-Hexanone		ug/kg	U	6.5	32
15SB6 18-20	BK41641	SW8260	12/22/15	1	2,2-Dichloropropane		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	1.3	26
15SB6 18-20	BK41641	SW8260	12/22/15	1	Chloroform		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Benzene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,1,1-Trichloroethane		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Bromomethane		ug/kg	U	2.6	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Chloromethane		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Dibromomethane		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Bromochloromethane		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Chloroethane	17	ug/kg		0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Vinyl Chloride		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Methylene Chloride		ug/kg	U	6.5	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Carbon Disulfide	1.8	ug/kg	J	1.3	6.5



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB6 18-20	BK41641	SW8260	12/22/15	1	Bromoform		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Bromodichloromethane		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,1-Dichloroethane		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,1-Dichloroethene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Tert-Butyl Alcohol		ug/kg	U	26	130
15SB6 18-20	BK41641	SW8260	12/22/15	1	Trichlorofluoromethane		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Dichlorodifluoromethane		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,2-Dichloropropane		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Methyl Ethyl Ketone (2-Butanone)	22	ug/kg	J	6.5	39
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,1,2-Trichloroethane		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Trichloroethylene (TCE)		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,2,3-Trichlorobenzene		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Hexachlorobutadiene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Naphthalene		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	2-Chlorotoluene		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,2-Dichlorobenzene		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,2,4-Trimethylbenzene	0.81	ug/kg	J	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	1.3	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	1,2,3-Trichloropropane		ug/kg	U	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	T-Butylbenzene	39	ug/kg		0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Isopropylbenzene (Cumene)	3.1	ug/kg	J	0.65	6.5
15SB6 18-20	BK41641	SW8260	12/22/15	1	Cymene	2.4	ug/kg	J	0.65	6.5
15SB6 18-20	BK41641	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	170	1000
15SB6 18-20	BK41641	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	230	520
15SB6 18-20	BK41641	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	150	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	130	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	150	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	240	410
15SB6 18-20	BK41641	SW8270	12/19/15	1	Phenol		ug/kg	U	170	330
15SB6 18-20	BK41641	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	140	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	140	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	150	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	130	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	150	360



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41633**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB6 18-20	BK41641	SW8270	12/19/15	1	Anthracene		ug/kg	U	170	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	160	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	180	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	200	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	170	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Pyrene		ug/kg	U	180	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	160	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	150	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Benzo(G,H,I)Perylene		ug/kg	U	170	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	170	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Benzo(B)Fluoranthene		ug/kg	U	180	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Fluoranthene		ug/kg	U	170	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Benzo(K)Fluoranthene		ug/kg	U	170	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	150	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Chrysene		ug/kg	U	170	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	140	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Benzo(A)Pyrene		ug/kg	U	170	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	170	330
15SB6 18-20	BK41641	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	150	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Benzo(A)Anthracene		ug/kg	U	170	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	180	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	160	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	170	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Aniline		ug/kg	U	410	410
15SB6 18-20	BK41641	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	150	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	160	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	170	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Isophorone		ug/kg	U	150	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	190	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	160	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	160	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	140	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Phenanthrene		ug/kg	U	150	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	130	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	200	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Fluorene		ug/kg	U	170	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Carbazole		ug/kg	U	390	2600



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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	MDL	RL
15SB6 18-20	BK41641	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	190	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	200	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	170	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	520	1000
15SB6 18-20	BK41641	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	330	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Naphthalene		ug/kg	U	150	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	150	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	150	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	240	1000
15SB6 18-20	BK41641	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	240	330
15SB6 18-20	BK41641	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	150	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	150	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	180	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	280	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Acetophenone		ug/kg	U	160	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	180	360
15SB6 18-20	BK41641	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	1000	1000
15SB6 18-20	BK41641	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	200	360
SOIL DUPLICATE	BK41642	SW6010	12/20/15	10	Aluminum	4800	mg/kg	J	7.7	39
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Antimony	4.7	mg/kg		1.9	1.9
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Arsenic	51.7	mg/kg	J	0.77	0.8
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Barium	333	mg/kg		0.39	0.8
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Beryllium	0.38	mg/kg		0.15	0.31
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Cadmium	1.07	mg/kg		0.15	0.39
SOIL DUPLICATE	BK41642	SW6010	12/20/15	10	Calcium	12100	mg/kg	J	35	39
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Chromium, Total	75.4	mg/kg	J	0.39	0.39
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Cobalt	8.09	mg/kg		0.39	0.39
SOIL DUPLICATE	BK41642	SW6010	12/20/15	10	Copper	327	mg/kg	J	3.9	3.9
SOIL DUPLICATE	BK41642	SW6010	12/20/15	10	Iron	14600	mg/kg		39	39
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Benzene	0.34	ug/kg	J	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	50	Ethylbenzene	31	ug/kg	J	19	190
SOIL DUPLICATE	BK41642	SW8260	12/22/15	50	m,p-Xylene	190	ug/kg	J	38	190
SOIL DUPLICATE	BK41642	SW6010	12/20/15	100	Lead	2470	mg/kg	J	39	77
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Magnesium	1070	mg/kg	J	3.9	3.9
SOIL DUPLICATE	BK41642	SW8260	12/22/15	50	O-Xylene (1,2-Dimethylbenzene)	71	ug/kg	J	38	190
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Benzo(A)Anthracene	370	ug/kg	J	140	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Benzo(A)Pyrene	380	ug/kg	J	130	280



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Benzo(B)Fluoranthene	320	ug/kg		140	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Benzo(G,H,I)Perylene	240	ug/kg	J	130	280
SOIL DUPLICATE	BK41642	SW6010	12/20/15	10	Manganese	175	mg/kg		3.9	3.9
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Benzo(K)Fluoranthene	370	ug/kg	J	130	280
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Chlordane	55	ug/kg		41	41
SOIL DUPLICATE	BK41642	SW7471	12/21/15	1	Mercury	5.30	mg/kg	J	0.19	0.31
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Aldrin		ug/kg	U	4.1	4.1
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	100	280
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Nickel	18.8	mg/kg		0.39	0.39
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	280	810
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	440	2000
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	810	2000
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	120	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	240	810
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Potassium	1200	mg/kg	J+	3.0	8
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Acetone		ug/kg	UJ	2.5	25
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate	170	ug/kg	J	120	280
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	cis-Chlordane	10	ug/kg		4.1	4.1
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Chrysene	430	ug/kg	J	140	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Fluoranthene	750	ug/kg	J	130	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene	270	ug/kg	J	130	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Phenanthrene	600	ug/kg	J	120	280
SOIL DUPLICATE	BK41642	SW8260	12/22/15	50	Tetrachloroethylene (PCE)	180	ug/kg	J	38	190
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Selenium		mg/kg	U	1.3	1.5
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Silver		mg/kg	U	0.39	0.39
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Sodium	643	mg/kg	J+	3.3	8
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Thallium		mg/kg	U	1.5	1.5
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	P,P'-DDT	7.1	ug/kg		2.4	2.4
SOIL DUPLICATE	BK41642	SW6010	12/20/15	1	Vanadium	30.3	mg/kg		0.39	0.4
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Heptachlor Epoxide		ug/kg	U	8.1	8.1
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Endosulfan Sulfate		ug/kg	U	8.1	8.1
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	8.1	8.1
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	8.1	8.1
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	8.1	8.1
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Beta Endosulfan		ug/kg	U	8.1	8.1
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Pyrene	730	ug/kg	J	140	280
SOIL DUPLICATE	BK41642	E160.3	12/18/15	1	Solids, Percent	81	%			



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Endrin Ketone		ug/kg	U	8.1	8.1
SOIL DUPLICATE	BK41642	SW8260	12/22/15	50	Toluene	29	ug/kg	J	19	190
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.6	1.6
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Dieldrin		ug/kg	U	4.1	4.1
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Endrin		ug/kg	U	8.1	8.1
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Methoxychlor		ug/kg	U	41	41
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	P,P'-DDD		ug/kg	U	2.4	2.4
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	P,P'-DDE		ug/kg	U	2.4	2.4
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Endrin Aldehyde		ug/kg	U	8.1	8.1
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Heptachlor		ug/kg	U	8.1	8.1
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Toxaphene		ug/kg	U	160	160
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	Alpha Endosulfan		ug/kg	U	8.1	8.1
SOIL DUPLICATE	BK41642	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	41	41
SOIL DUPLICATE	BK41642	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	41	41
SOIL DUPLICATE	BK41642	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	41	41
SOIL DUPLICATE	BK41642	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	41	41
SOIL DUPLICATE	BK41642	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	41	41
SOIL DUPLICATE	BK41642	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	41	41
SOIL DUPLICATE	BK41642	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	41	41
SOIL DUPLICATE	BK41642	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	41	41
SOIL DUPLICATE	BK41642	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	41	41
SOIL DUPLICATE	BK41642	SW8081	12/19/15	2	trans-Chlordane	6.8	ug/kg		4.1	4.1
SOIL DUPLICATE	BK41642	SW8260	12/22/15	50	Trichloroethylene (TCE)	94	ug/kg	J	19	190
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Styrene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	N-Propylbenzene		ug/kg	U	0.44	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	N-Butylbenzene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	4-Chlorotoluene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,4-Dichlorobenzene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Acrolein		ug/kg	U	1.2	9.9
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,2-Dichloroethane		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Acrylonitrile		ug/kg	U	0.25	9.9
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	2.5	12
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Bromobenzene		ug/kg	U	0.25	2.5



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BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Chlorobenzene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Tetrahydrofuran		ug/kg	U	1.2	4.9
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	1.2	4.9
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,2,4-Trichlorobenzene		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	20	49
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Dibromochloromethane		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Sec-Butylbenzene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,3-Dichloropropane		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Tert-Butyl Methyl Ether		ug/kg	U	0.49	4.9
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	O-Cymene (O-Isopropyltoluene)		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,3-Dichlorobenzene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Carbon Tetrachloride		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,1-Dichloropropene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	2-Hexanone		ug/kg	U	2.5	12
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	2,2-Dichloropropane		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Chloroform		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,1,1-Trichloroethane		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Bromomethane		ug/kg	U	0.99	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Chloromethane		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Dibromomethane		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Bromochloromethane		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Chloroethane		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Vinyl Chloride		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Methylene Chloride		ug/kg	U	2.5	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Carbon Disulfide		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Bromoform		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Bromodichloromethane		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,1-Dichloroethane		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,1-Dichloroethene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Tert-Butyl Alcohol		ug/kg	U	9.9	49
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Trichlorofluoromethane		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Dichlorodifluoromethane		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,2-Dichloropropane		ug/kg	U	0.49	2.5



**65 ECKFORD STREET
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DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	2.5	15
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,1,2-Trichloroethane		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,2,3-Trichlorobenzene		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Hexachlorobutadiene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Naphthalene		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	2-Chlorotoluene		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,2-Dichlorobenzene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,2,4-Trimethylbenzene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	0.49	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	1,2,3-Trichloropropane		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	T-Butylbenzene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Isopropylbenzene (Cumene)		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8260	12/22/15	1	Cymene		ug/kg	U	0.25	2.5
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	140	810
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	180	410
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	120	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	100	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	120	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	190	320
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Phenol		ug/kg	U	130	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	110	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	110	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	100	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	120	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Anthracene		ug/kg	U	130	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	120	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	140	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	160	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	130	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	130	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	120	280
SOIL DUPLICATE	BK41642	SW6010	12/20/15	10	Zinc	424	mg/kg		3.9	7.7
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	110	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	110	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	130	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	120	280



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	140	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	130	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	130	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Aniline		ug/kg	U	320	320
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	110	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	120	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	140	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Isophorone		ug/kg	U	110	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	150	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	120	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	130	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	110	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	100	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	UJ	160	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Fluorene		ug/kg	U	130	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Carbazole		ug/kg	U	310	2000
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	150	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	150	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	130	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	410	810
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	260	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Naphthalene		ug/kg	U	120	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	120	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	120	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	190	810
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	190	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	110	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	120	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	140	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	220	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Acetophenone		ug/kg	U	130	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	140	280
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	810	810
SOIL DUPLICATE	BK41642	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	160	280
15SB10 0-2	BK41643	E160.3	12/18/15	1	Solids, Percent	90	%			
15SB10 0-2	BK41643	SW6010	12/20/15	10	Aluminum	2210	mg/kg		7.6	38
15SB10 0-2	BK41643	SW6010	12/20/15	10	Lead	213	mg/kg		3.8	7.6



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 0-2	BK41643	SW6010	12/20/15	10	Manganese	290	mg/kg		3.8	3.8
15SB10 0-2	BK41643	SW6010	12/20/15	1	Magnesium	645	mg/kg		3.8	3.8
15SB10 0-2	BK41643	SW6010	12/20/15	1	Nickel	22.1	mg/kg		0.38	0.38
15SB10 0-2	BK41643	SW6010	12/20/15	1	Silver		mg/kg	U	0.38	0.38
15SB10 0-2	BK41643	SW6010	12/20/15	1	Thallium		mg/kg	U	1.5	1.5
15SB10 0-2	BK41643	SW6010	12/20/15	1	Antimony	6.9	mg/kg		1.9	1.9
15SB10 0-2	BK41643	SW6010	12/20/15	1	Arsenic	10.0	mg/kg		0.76	0.8
15SB10 0-2	BK41643	SW6010	12/20/15	1	Barium	74.1	mg/kg		0.38	0.8
15SB10 0-2	BK41643	SW6010	12/20/15	1	Beryllium		mg/kg	U	0.15	0.30
15SB10 0-2	BK41643	SW6010	12/20/15	1	Cadmium	2.95	mg/kg		0.15	0.38
15SB10 0-2	BK41643	SW6010	12/20/15	1	Chromium, Total	10.0	mg/kg		0.38	0.38
15SB10 0-2	BK41643	SW6010	12/20/15	1	Cobalt	14.9	mg/kg		0.38	0.38
15SB10 0-2	BK41643	SW6010	12/20/15	1	Vanadium	16.6	mg/kg		0.38	0.4
15SB10 0-2	BK41643	SW6010	12/20/15	1	Zinc	112	mg/kg		0.38	0.8
15SB10 0-2	BK41643	SW6010	12/20/15	1	Calcium	3290	mg/kg		3.5	3.8
15SB10 0-2	BK41643	SW6010	12/20/15	1	Selenium		mg/kg	U	1.3	1.5
15SB10 0-2	BK41643	SW7471	12/21/15	1	Mercury	0.12	mg/kg		0.02	0.03
15SB10 0-2	BK41643	SW8081	12/19/15	2	Heptachlor Epoxide		ug/kg	U	7.4	7.4
15SB10 0-2	BK41643	SW8081	12/19/15	2	Endosulfan Sulfate		ug/kg	U	7.4	7.4
15SB10 0-2	BK41643	SW8081	12/19/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	7.4	7.4
15SB10 0-2	BK41643	SW8081	12/19/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	7.4	7.4
15SB10 0-2	BK41643	SW8081	12/19/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	7.4	7.4
15SB10 0-2	BK41643	SW8081	12/19/15	2	Beta Endosulfan		ug/kg	U	7.4	7.4
15SB10 0-2	BK41643	SW8081	12/19/15	2	P,P'-DDT		ug/kg	U	2.2	2.2
15SB10 0-2	BK41643	SW8081	12/19/15	2	cis-Chlordane		ug/kg	U	3.7	3.7
15SB10 0-2	BK41643	SW8081	12/19/15	2	trans-Chlordane		ug/kg	U	3.7	3.7
15SB10 0-2	BK41643	SW8081	12/19/15	2	Endrin Ketone		ug/kg	U	7.4	7.4
15SB10 0-2	BK41643	SW8081	12/19/15	2	Chlordane		ug/kg	U	37	37
15SB10 0-2	BK41643	SW8081	12/19/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.5	1.5
15SB10 0-2	BK41643	SW8081	12/19/15	2	Dieldrin		ug/kg	U	3.7	3.7
15SB10 0-2	BK41643	SW8081	12/19/15	2	Endrin		ug/kg	U	7.4	7.4
15SB10 0-2	BK41643	SW8081	12/19/15	2	Methoxychlor		ug/kg	U	37	37
15SB10 0-2	BK41643	SW8081	12/19/15	2	P,P'-DDD		ug/kg	U	2.2	2.2
15SB10 0-2	BK41643	SW8081	12/19/15	2	P,P'-DDE		ug/kg	U	2.2	2.2
15SB10 0-2	BK41643	SW8081	12/19/15	2	Endrin Aldehyde		ug/kg	U	7.4	7.4
15SB10 0-2	BK41643	SW8081	12/19/15	2	Heptachlor		ug/kg	U	7.4	7.4
15SB10 0-2	BK41643	SW8081	12/19/15	2	Toxaphene		ug/kg	U	150	150



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 0-2	BK41643	SW8081	12/19/15	2	Alpha Endosulfan		ug/kg	U	7.4	7.4
15SB10 0-2	BK41643	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	37	37
15SB10 0-2	BK41643	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	37	37
15SB10 0-2	BK41643	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	37	37
15SB10 0-2	BK41643	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	37	37
15SB10 0-2	BK41643	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	37	37
15SB10 0-2	BK41643	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	37	37
15SB10 0-2	BK41643	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	37	37
15SB10 0-2	BK41643	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	37	37
15SB10 0-2	BK41643	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	37	37
15SB10 0-2	BK41643	SW8260	12/22/15	50	N-Propylbenzene		ug/kg	UJ	57	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	N-Butylbenzene		ug/kg	UJ	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	4-Chlorotoluene		ug/kg	UJ	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	1,4-Dichlorobenzene		ug/kg	UJ	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	UJ	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	Bromobenzene		ug/kg	UJ	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	Trans-1,4-Dichloro-2-Butene		ug/kg	UJ	160	630
15SB10 0-2	BK41643	SW8260	12/22/15	50	1,2,4-Trichlorobenzene		ug/kg	UJ	63	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	Sec-Butylbenzene		ug/kg	UJ	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	Cis-1,2-Dichloroethylene	33	ug/kg	J	32	250
15SB10 0-2	BK41643	SW8260	12/22/15	50	O-Cymene (O-Isopropyltoluene)		ug/kg	U	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	1,3-Dichlorobenzene		ug/kg	UJ	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	Trichloroethylene (TCE)	2100	ug/kg		32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	1,1,2,2-Tetrachloroethane		ug/kg	UJ	63	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	1,2,3-Trichlorobenzene		ug/kg	UJ	63	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	Hexachlorobutadiene		ug/kg	UJ	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	Naphthalene		ug/kg	UJ	63	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	2-Chlorotoluene		ug/kg	UJ	63	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	1,2-Dichlorobenzene		ug/kg	UJ	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	1,2,4-Trimethylbenzene		ug/kg	UJ	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	1,2-Dibromo-3-Chloropropane		ug/kg	UJ	63	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	1,2,3-Trichloropropane		ug/kg	UJ	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	T-Butylbenzene		ug/kg	UJ	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	Isopropylbenzene (Cumene)		ug/kg	UJ	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	50	Cymene		ug/kg	U	32	320
15SB10 0-2	BK41643	SW8260	12/22/15	1	Ethylbenzene		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Styrene		ug/kg	U	0.33	3.3



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 0-2	BK41643	SW8260	12/22/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Acrolein		ug/kg	U	1.7	13
15SB10 0-2	BK41643	SW8260	12/22/15	1	1,2-Dichloroethane		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Acrylonitrile		ug/kg	U	0.33	13
15SB10 0-2	BK41643	SW8260	12/22/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	3.3	17
15SB10 0-2	BK41643	SW8260	12/22/15	1	Toluene		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Chlorobenzene		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Tetrahydrofuran		ug/kg	U	1.7	6.7
15SB10 0-2	BK41643	SW8260	12/22/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	27	67
15SB10 0-2	BK41643	SW8260	12/22/15	1	Dibromochloromethane		ug/kg	U	0.67	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Tetrachloroethylene (PCE)	1.5	ug/kg	J	0.67	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	1,3-Dichloropropane		ug/kg	U	0.67	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Tert-Butyl Methyl Ether		ug/kg	U	0.67	6.7
15SB10 0-2	BK41643	SW8260	12/22/15	1	m,p-Xylene		ug/kg	U	0.67	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Carbon Tetrachloride		ug/kg	U	0.67	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	1,1-Dichloropropene		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	2-Hexanone		ug/kg	U	3.3	17
15SB10 0-2	BK41643	SW8260	12/22/15	1	2,2-Dichloropropane		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	0.67	13
15SB10 0-2	BK41643	SW8260	12/22/15	1	Chloroform		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Benzene		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	1,1,1-Trichloroethane		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Bromomethane		ug/kg	U	1.3	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Chloromethane		ug/kg	U	0.67	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Dibromomethane		ug/kg	U	0.67	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Bromochloromethane		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Chloroethane		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Vinyl Chloride		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Methylene Chloride		ug/kg	U	3.3	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Carbon Disulfide		ug/kg	U	0.67	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Bromoform		ug/kg	U	0.67	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Bromodichloromethane		ug/kg	U	0.67	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	1,1-Dichloroethane		ug/kg	U	0.67	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	1,1-Dichloroethene		ug/kg	U	0.33	3.3



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 0-2	BK41643	SW8260	12/22/15	1	Tert-Butyl Alcohol		ug/kg	U	13	67
15SB10 0-2	BK41643	SW8260	12/22/15	1	Trichlorofluoromethane		ug/kg	U	0.67	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Dichlorodifluoromethane		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.33	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	1,2-Dichloropropane		ug/kg	U	0.67	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	3.3	20
15SB10 0-2	BK41643	SW8260	12/22/15	1	1,1,2-Trichloroethane		ug/kg	U	0.67	3.3
15SB10 0-2	BK41643	SW8260	12/22/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	0.67	3.3
15SB10 0-2	BK41643	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	120	720
15SB10 0-2	BK41643	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	160	360
15SB10 0-2	BK41643	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	110	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	90	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	110	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	170	290
15SB10 0-2	BK41643	SW8270	12/19/15	1	Phenol		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	98	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	100	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	100	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	93	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	110	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Anthracene		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	110	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	130	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	140	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Pyrene		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	110	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	110	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Benzo(G,H,I)Perylene		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Benzo(B)Fluoranthene		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Fluoranthene		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Benzo(K)Fluoranthene		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	100	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Chrysene		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	100	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Benzo(A)Pyrene		ug/kg	U	120	250



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 0-2	BK41643	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	110	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Benzo(A)Anthracene		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	130	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	110	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Aniline		ug/kg	U	290	290
15SB10 0-2	BK41643	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	100	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	110	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Isophorone		ug/kg	U	100	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	130	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	110	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	110	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	96	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Phenanthrene		ug/kg	U	100	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	93	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	140	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Fluorene		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Carbazole		ug/kg	U	270	1800
15SB10 0-2	BK41643	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	130	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	140	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	120	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	360	720
15SB10 0-2	BK41643	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	230	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Naphthalene		ug/kg	U	100	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	110	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	100	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	170	720
15SB10 0-2	BK41643	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	170	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	100	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	100	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	130	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	200	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Acetophenone		ug/kg	U	110	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	130	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	720	720



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 0-2	BK41643	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	140	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	89	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	210	720
15SB10 0-2	BK41643	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	390	1800
15SB10 0-2	BK41643	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	110	250
15SB10 0-2	BK41643	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	250	720
15SB10 0-2	BK41643	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	720	1800
15SB10 0-2	BK41643	SW6010	12/20/15	1	Potassium	1490	mg/kg	J+	3.0	8
15SB10 0-2	BK41643	SW6010	12/20/15	1	Sodium	759	mg/kg	J+	3.3	8
15SB10 0-2	BK41643	SW8081	12/19/15	2	Aldrin		ug/kg	U	3.7	3.7
15SB10 0-2	BK41643	SW6010	12/20/15	10	Iron	74400	mg/kg		38	38
15SB10 0-2	BK41643	SW6010	12/20/15	1	Copper	60.0	mg/kg		0.38	0.38
15SB10 0-2	BK41643	SW8260	12/22/15	1	Acetone		ug/kg	UJ	3.3	33
15SB7 0-2	BK41644	SW8270	12/19/15	1	2-Methylnaphthalene	770	ug/kg		110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Acenaphthene	2300	ug/kg		110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Acenaphthylene	210	ug/kg	J	100	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Anthracene	3900	ug/kg		120	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Benzo(A)Anthracene	6400	ug/kg		130	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Benzo(A)Pyrene	5000	ug/kg		120	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Benzo(B)Fluoranthene	4100	ug/kg		130	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Benzo(G,H,I)Perylene	2500	ug/kg		120	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Benzo(K)Fluoranthene	3800	ug/kg		120	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	92	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	260	750
15SB7 0-2	BK41644	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	400	1900
15SB7 0-2	BK41644	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	750	1900
15SB7 0-2	BK41644	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	220	750
15SB7 0-2	BK41644	E160.3	12/18/15	1	Solids, Percent	88	%			
15SB7 0-2	BK41644	SW6010	12/20/15	10	Aluminum	2830	mg/kg		7.0	35
15SB7 0-2	BK41644	SW6010	12/20/15	10	Lead	172	mg/kg		3.5	7.0
15SB7 0-2	BK41644	SW6010	12/20/15	10	Manganese	193	mg/kg		3.5	3.5
15SB7 0-2	BK41644	SW6010	12/20/15	10	Zinc	150	mg/kg		3.5	7.0
15SB7 0-2	BK41644	SW6010	12/20/15	1	Magnesium	1370	mg/kg		3.5	3.5
15SB7 0-2	BK41644	SW6010	12/20/15	1	Nickel	14.8	mg/kg		0.35	0.35
15SB7 0-2	BK41644	SW6010	12/20/15	1	Potassium	1550	mg/kg	J+	2.7	7
15SB7 0-2	BK41644	SW6010	12/20/15	1	Silver		mg/kg	U	0.35	0.35



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DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB7 0-2	BK41644	SW6010	12/20/15	1	Sodium	833	mg/kg	J+	3.0	7
15SB7 0-2	BK41644	SW6010	12/20/15	1	Thallium		mg/kg	U	1.4	1.4
15SB7 0-2	BK41644	SW6010	12/20/15	1	Antimony	8.3	mg/kg		1.8	1.8
15SB7 0-2	BK41644	SW6010	12/20/15	1	Arsenic	10.0	mg/kg		0.70	0.7
15SB7 0-2	BK41644	SW6010	12/20/15	1	Barium	134	mg/kg		0.35	0.7
15SB7 0-2	BK41644	SW6010	12/20/15	1	Beryllium	0.15	mg/kg	J	0.14	0.28
15SB7 0-2	BK41644	SW6010	12/20/15	1	Cadmium	1.68	mg/kg		0.14	0.35
15SB7 0-2	BK41644	SW6010	12/20/15	1	Chromium, Total	10.7	mg/kg		0.35	0.35
15SB7 0-2	BK41644	SW6010	12/20/15	1	Cobalt	9.64	mg/kg		0.35	0.35
15SB7 0-2	BK41644	SW6010	12/20/15	1	Vanadium	17.0	mg/kg		0.35	0.4
15SB7 0-2	BK41644	SW6010	12/20/15	1	Calcium	8180	mg/kg		3.2	3.5
15SB7 0-2	BK41644	SW6010	12/20/15	1	Selenium		mg/kg	U	1.2	1.4
15SB7 0-2	BK41644	SW7471	12/21/15	1	Mercury	3.04	mg/kg		0.16	0.27
15SB7 0-2	BK41644	SW8081	12/19/15	2	Heptachlor Epoxide		ug/kg	U	7.4	7.4
15SB7 0-2	BK41644	SW8081	12/19/15	2	Endosulfan Sulfate		ug/kg	U	7.4	7.4
15SB7 0-2	BK41644	SW8081	12/19/15	2	Aldrin		ug/kg	U	3.7	3.7
15SB7 0-2	BK41644	SW8081	12/19/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	7.4	7.4
15SB7 0-2	BK41644	SW8081	12/19/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	7.4	7.4
15SB7 0-2	BK41644	SW8081	12/19/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	7.4	7.4
15SB7 0-2	BK41644	SW8081	12/19/15	2	Beta Endosulfan		ug/kg	U	7.4	7.4
15SB7 0-2	BK41644	SW8081	12/19/15	2	P,P'-DDT		ug/kg	U	2.2	2.2
15SB7 0-2	BK41644	SW8081	12/19/15	2	cis-Chlordane		ug/kg	U	3.7	3.7
15SB7 0-2	BK41644	SW8081	12/19/15	2	trans-Chlordane		ug/kg	U	3.7	3.7
15SB7 0-2	BK41644	SW8081	12/19/15	2	Endrin Ketone		ug/kg	U	7.4	7.4
15SB7 0-2	BK41644	SW8081	12/19/15	2	Chlordane		ug/kg	U	37	37
15SB7 0-2	BK41644	SW8081	12/19/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.5	1.5
15SB7 0-2	BK41644	SW8081	12/19/15	2	Dieldrin		ug/kg	U	3.7	3.7
15SB7 0-2	BK41644	SW8081	12/19/15	2	Endrin		ug/kg	U	7.4	7.4
15SB7 0-2	BK41644	SW8081	12/19/15	2	Methoxychlor		ug/kg	U	37	37
15SB7 0-2	BK41644	SW8081	12/19/15	2	P,P'-DDD		ug/kg	U	2.2	2.2
15SB7 0-2	BK41644	SW8081	12/19/15	2	P,P'-DDE		ug/kg	U	2.2	2.2
15SB7 0-2	BK41644	SW8081	12/19/15	2	Endrin Aldehyde		ug/kg	U	7.4	7.4
15SB7 0-2	BK41644	SW8081	12/19/15	2	Heptachlor		ug/kg	U	7.4	7.4
15SB7 0-2	BK41644	SW8081	12/19/15	2	Toxaphene		ug/kg	U	150	150
15SB7 0-2	BK41644	SW8081	12/19/15	2	Alpha Endosulfan		ug/kg	U	7.4	7.4
15SB7 0-2	BK41644	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	37	37
15SB7 0-2	BK41644	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	37	37



**65 ECKFORD STREET
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DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB7 0-2	BK41644	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	37	37
15SB7 0-2	BK41644	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	37	37
15SB7 0-2	BK41644	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	37	37
15SB7 0-2	BK41644	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	37	37
15SB7 0-2	BK41644	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	37	37
15SB7 0-2	BK41644	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	37	37
15SB7 0-2	BK41644	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	37	37
15SB7 0-2	BK41644	SW8260	12/22/15	50	Trichloroethylene (TCE)	510	ug/kg		28	280
15SB7 0-2	BK41644	SW8260	12/22/15	50	Naphthalene	110	ug/kg	J	55	280
15SB7 0-2	BK41644	SW8260	12/22/15	1	Ethylbenzene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Styrene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	N-Propylbenzene	0.94	ug/kg	J	0.72	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	N-Butylbenzene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	4-Chlorotoluene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,4-Dichlorobenzene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Acrolein		ug/kg	U	2.0	16
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,2-Dichloroethane		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Acrylonitrile		ug/kg	U	0.40	16
15SB7 0-2	BK41644	SW8260	12/22/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	4.0	20
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Bromobenzene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Toluene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Chlorobenzene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Tetrahydrofuran		ug/kg	U	2.0	8.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	2.0	8.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,2,4-Trichlorobenzene		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	32	80
15SB7 0-2	BK41644	SW8260	12/22/15	1	Dibromochloromethane		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Tetrachloroethylene (PCE)		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Sec-Butylbenzene	5.8	ug/kg		0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,3-Dichloropropane		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Tert-Butyl Methyl Ether		ug/kg	U	0.80	8.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB7 0-2	BK41644	SW8260	12/22/15	1	m,p-Xylene		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	O-Cymene (O-Isopropyltoluene)	2.7	ug/kg	J	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,3-Dichlorobenzene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Carbon Tetrachloride		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,1-Dichloropropene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	2-Hexanone		ug/kg	U	4.0	20
15SB7 0-2	BK41644	SW8260	12/22/15	1	2,2-Dichloropropane		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	0.80	16
15SB7 0-2	BK41644	SW8260	12/22/15	1	Chloroform		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Benzene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,1,1-Trichloroethane		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Bromomethane		ug/kg	U	1.6	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Chloromethane		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Dibromomethane		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Bromochloromethane		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Chloroethane		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Vinyl Chloride		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Methylene Chloride		ug/kg	U	4.0	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Carbon Disulfide		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Bromoform		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Bromodichloromethane		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,1-Dichloroethane		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,1-Dichloroethene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Tert-Butyl Alcohol		ug/kg	U	16	80
15SB7 0-2	BK41644	SW8260	12/22/15	1	Trichlorofluoromethane		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Dichlorodifluoromethane		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,2-Dichloropropane		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	4.0	24
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,1,2-Trichloroethane		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,2,3-Trichlorobenzene		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Hexachlorobutadiene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	2-Chlorotoluene		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,2-Dichlorobenzene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,2,4-Trimethylbenzene		ug/kg	U	0.40	4.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	0.80	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	1,2,3-Trichloropropane		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	T-Butylbenzene	1.7	ug/kg	J	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Isopropylbenzene (Cumene)	1.2	ug/kg	J	0.40	4.0
15SB7 0-2	BK41644	SW8260	12/22/15	1	Cymene		ug/kg	U	0.40	4.0
15SB7 0-2	BK41644	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	130	750
15SB7 0-2	BK41644	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	170	370
15SB7 0-2	BK41644	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	93	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	170	300
15SB7 0-2	BK41644	SW8270	12/19/15	1	Phenol		ug/kg	U	120	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	100	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	100	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	97	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	130	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	150	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	120	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	120	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	100	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate	470	ug/kg		110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	130	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	120	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	120	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Aniline		ug/kg	U	300	300
15SB7 0-2	BK41644	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	130	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Isophorone		ug/kg	U	100	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	140	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	120	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	100	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	97	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	140	260



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB7 0-2	BK41644	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	140	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	140	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	120	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	380	750
15SB7 0-2	BK41644	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	240	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Naphthalene		ug/kg	U	110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	180	750
15SB7 0-2	BK41644	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	180	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	130	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	210	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Acetophenone		ug/kg	U	120	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	130	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	750	750
15SB7 0-2	BK41644	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	150	260
15SB7 0-2	BK41644	SW8270	12/21/15	10	Pyrene	12000	ug/kg		1300	2600
15SB7 0-2	BK41644	SW8270	12/21/15	10	Fluoranthene	14000	ug/kg		1200	2600
15SB7 0-2	BK41644	SW8270	12/21/15	10	Phenanthrene	18000	ug/kg		1100	2600
15SB7 0-2	BK41644	SW8260	12/22/15	1	Acetone		ug/kg	UJ	4.0	40
15SB7 0-2	BK41644	SW6010	12/20/15	10	Iron	37500	mg/kg		35	35
15SB7 0-2	BK41644	SW6010	12/20/15	1	Copper	62.4	mg/kg		0.35	0.35
15SB7 0-2	BK41644	SW8270	12/19/15	1	Carbazole	880	ug/kg	J	280	1900
15SB7 0-2	BK41644	SW8270	12/19/15	1	Chrysene	6600	ug/kg		130	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Dibenz(A,H)Anthracene	660	ug/kg		120	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Dibenzofuran	1400	ug/kg		110	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Fluorene	1600	ug/kg		120	260
15SB7 0-2	BK41644	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene	3200	ug/kg		120	260
15SB7 11-13	BK41645	SW8270	12/19/15	1	Benzo(A)Pyrene	130	ug/kg	J	130	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	100	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	290	820
15SB7 11-13	BK41645	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	440	2100
15SB7 11-13	BK41645	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	820	2100
15SB7 11-13	BK41645	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	130	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	240	820
15SB7 11-13	BK41645	E160.3	12/18/15	1	Solids, Percent	81	%			



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB7 11-13	BK41645	SW8260	12/22/15	2000	N-Propylbenzene	4700	ug/kg		2900	3900
15SB7 11-13	BK41645	SW8260	12/22/15	2000	N-Butylbenzene	7700	ug/kg		1600	5900
15SB7 11-13	BK41645	SW8260	12/22/15	2000	Sec-Butylbenzene	27000	ug/kg		1600	16000
15SB7 11-13	BK41645	SW8260	12/22/15	2000	O-Cymene (O-Isopropyltoluene)	10000	ug/kg		1600	5900
15SB7 11-13	BK41645	SW8260	12/22/15	2000	T-Butylbenzene	5100	ug/kg		1600	5900
15SB7 11-13	BK41645	SW8260	12/22/15	2000	Isopropylbenzene (Cumene)	4600	ug/kg		1600	2000
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Ethylbenzene		ug/kg	U	790	1000
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Styrene		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Cis-1,3-Dichloropropene		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Trans-1,3-Dichloropropene		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	4-Chlorotoluene		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,4-Dichlorobenzene		ug/kg	U	790	1800
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Acrolein		ug/kg	U	4000	32000
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,2-Dichloroethane		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Acrylonitrile		ug/kg	U	1600	16000
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	7900	40000
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Bromobenzene		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Toluene		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Chlorobenzene		ug/kg	U	790	1100
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Tetrahydrofuran		ug/kg	U	4000	16000
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Trans-1,4-Dichloro-2-Butene		ug/kg	U	4000	16000
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,2,4-Trichlorobenzene		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,4-Dioxane (P-Dioxane)		ug/kg	U	63000	160000
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Dibromochloromethane		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Tetrachloroethylene (PCE)		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,3-Dichloropropane		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Cis-1,2-Dichloroethylene		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Trans-1,2-Dichloroethene		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Tert-Butyl Methyl Ether		ug/kg	U	1600	16000
15SB7 11-13	BK41645	SW8260	12/22/15	1000	m,p-Xylene		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,3-Dichlorobenzene		ug/kg	U	790	2400
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Carbon Tetrachloride		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,1-Dichloropropene		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	2-Hexanone		ug/kg	U	7900	40000
15SB7 11-13	BK41645	SW8260	12/22/15	1000	2,2-Dichloropropane		ug/kg	U	790	7900



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,1,1,2-Tetrachloroethane		ug/kg	U	1600	32000
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Chloroform		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Benzene		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,1,1-Trichloroethane		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Bromomethane		ug/kg	U	3200	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Chloromethane		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Dibromomethane		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Bromochloromethane		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Chloroethane		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Vinyl Chloride		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Methylene Chloride		ug/kg	U	7900	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Carbon Disulfide		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Bromoform		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Bromodichloromethane		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,1-Dichloroethane		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,1-Dichloroethene		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Tert-Butyl Alcohol		ug/kg	U	32000	160000
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Trichlorofluoromethane		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Dichlorodifluoromethane		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,2-Dichloropropane		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	7900	48000
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,1,2-Trichloroethane		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Trichloroethylene (TCE)		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,1,2,2-Tetrachloroethane		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,2,3-Trichlorobenzene		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Hexachlorobutadiene		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Naphthalene		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	2-Chlorotoluene		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,2-Dichlorobenzene		ug/kg	U	790	1100
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,2,4-Trimethylbenzene		ug/kg	U	790	3600
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,2-Dibromo-3-Chloropropane		ug/kg	U	1600	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	1,2,3-Trichloropropane		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Cymene		ug/kg	U	790	7900
15SB7 11-13	BK41645	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	140	820
15SB7 11-13	BK41645	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	190	410



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB7 11-13	BK41645	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	100	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	190	330
15SB7 11-13	BK41645	SW8270	12/19/15	1	Phenol		ug/kg	U	130	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	110	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	110	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate	360	ug/kg		120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	110	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Anthracene		ug/kg	U	130	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	140	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	160	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	130	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	130	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Benzo(G,H,I)Perylene		ug/kg	U	130	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	140	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Benzo(B)Fluoranthene		ug/kg	U	140	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Benzo(K)Fluoranthene		ug/kg	U	140	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Chrysene		ug/kg	U	140	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	110	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	130	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Benzo(A)Anthracene		ug/kg	U	140	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	140	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	130	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	130	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Aniline		ug/kg	U	330	330
15SB7 11-13	BK41645	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	140	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Isophorone		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	150	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	130	290



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB7 11-13	BK41645	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	130	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	110	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	110	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	160	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Fluorene		ug/kg	U	140	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Carbazole		ug/kg	U	310	2100
15SB7 11-13	BK41645	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	150	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	160	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	130	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	420	820
15SB7 11-13	BK41645	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	260	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Naphthalene		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	190	820
15SB7 11-13	BK41645	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	190	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	140	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	230	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Acetophenone		ug/kg	U	130	4500
15SB7 11-13	BK41645	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	140	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	820	820
15SB7 11-13	BK41645	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	160	290
15SB7 11-13	BK41645	SW8260	12/22/15	1000	Acetone		ug/kg	UJ	7900	79000
15SB7 11-13	BK41645	SW8270	12/19/15	1	Fluoranthene	210	ug/kg	J	130	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Phenanthrene	230	ug/kg	J	120	290
15SB7 11-13	BK41645	SW8270	12/19/15	1	Pyrene	200	ug/kg	J	140	290
15SB7 18-20	BK41646	SW8270	12/21/15	1	3- And 4- Methylphenol (Total)	260	ug/kg	J	170	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Anthracene	270	ug/kg	J	140	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Benzo(A)Anthracene	560	ug/kg		150	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Benzo(A)Pyrene	490	ug/kg		140	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Benzo(B)Fluoranthene	420	ug/kg		150	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Benzo(G,H,I)Perylene	250	ug/kg	J	140	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Benzo(K)Fluoranthene	410	ug/kg		150	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Pyridine		ug/kg	UJ	110	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	2,4-Dinitrophenol		ug/kg	R	310	880



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB7 18-20	BK41646	SW8270	12/21/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	470	2200
15SB7 18-20	BK41646	SW8270	12/21/15	1	Benzoic Acid		ug/kg	R	880	2200
15SB7 18-20	BK41646	SW8270	12/21/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	130	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Benzidine		ug/kg	UJ	260	880
15SB7 18-20	BK41646	E160.3	12/18/15	1	Solids, Percent	74	%			
15SB7 18-20	BK41646	SW6010	12/20/15	10	Aluminum	4440	mg/kg		7.9	40
15SB7 18-20	BK41646	SW6010	12/20/15	10	Lead	529	mg/kg		4.0	7.9
15SB7 18-20	BK41646	SW6010	12/20/15	10	Manganese	149	mg/kg		4.0	4.0
15SB7 18-20	BK41646	SW6010	12/20/15	10	Zinc	217	mg/kg		4.0	7.9
15SB7 18-20	BK41646	SW6010	12/20/15	1	Magnesium	1310	mg/kg		4.0	4.0
15SB7 18-20	BK41646	SW6010	12/20/15	1	Nickel	13.6	mg/kg		0.40	0.40
15SB7 18-20	BK41646	SW6010	12/20/15	1	Potassium	1300	mg/kg	J+	3.1	8
15SB7 18-20	BK41646	SW6010	12/20/15	1	Silver		mg/kg	U	0.40	0.40
15SB7 18-20	BK41646	SW6010	12/20/15	1	Sodium	406	mg/kg	J+	3.4	8
15SB7 18-20	BK41646	SW6010	12/20/15	1	Thallium		mg/kg	U	1.6	1.6
15SB7 18-20	BK41646	SW6010	12/20/15	1	Antimony	2.8	mg/kg		2.0	2.0
15SB7 18-20	BK41646	SW6010	12/20/15	1	Arsenic	17.9	mg/kg		0.79	0.8
15SB7 18-20	BK41646	SW6010	12/20/15	1	Barium	259	mg/kg		0.40	0.8
15SB7 18-20	BK41646	SW6010	12/20/15	1	Beryllium	0.39	mg/kg		0.16	0.32
15SB7 18-20	BK41646	SW6010	12/20/15	1	Cadmium	0.57	mg/kg		0.16	0.40
15SB7 18-20	BK41646	SW6010	12/20/15	1	Chromium, Total	20.1	mg/kg		0.40	0.40
15SB7 18-20	BK41646	SW6010	12/20/15	1	Cobalt	7.14	mg/kg		0.40	0.40
15SB7 18-20	BK41646	SW6010	12/20/15	1	Vanadium	25.1	mg/kg		0.40	0.4
15SB7 18-20	BK41646	SW6010	12/20/15	1	Calcium	8600	mg/kg		3.7	4.0
15SB7 18-20	BK41646	SW6010	12/20/15	1	Selenium		mg/kg	U	1.4	1.6
15SB7 18-20	BK41646	SW7471	12/21/15	1	Mercury	11.3	mg/kg		0.21	0.35
15SB7 18-20	BK41646	SW8081	12/19/15	2	Heptachlor Epoxide		ug/kg	U	8.9	8.9
15SB7 18-20	BK41646	SW8081	12/19/15	2	Endosulfan Sulfate		ug/kg	U	8.9	8.9
15SB7 18-20	BK41646	SW8081	12/19/15	2	Aldrin		ug/kg	U	4.5	4.5
15SB7 18-20	BK41646	SW8081	12/19/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	8.9	8.9
15SB7 18-20	BK41646	SW8081	12/19/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	8.9	8.9
15SB7 18-20	BK41646	SW8081	12/19/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	8.9	8.9
15SB7 18-20	BK41646	SW8081	12/19/15	2	Beta Endosulfan		ug/kg	U	8.9	8.9
15SB7 18-20	BK41646	SW8081	12/19/15	2	P,P'-DDT		ug/kg	U	2.7	2.7
15SB7 18-20	BK41646	SW8081	12/19/15	2	cis-Chlordane		ug/kg	U	4.5	4.5
15SB7 18-20	BK41646	SW8081	12/19/15	2	trans-Chlordane		ug/kg	U	4.5	4.5
15SB7 18-20	BK41646	SW8081	12/19/15	2	Endrin Ketone		ug/kg	U	8.9	8.9



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB7 18-20	BK41646	SW8081	12/19/15	2	Chlordane		ug/kg	U	45	45
15SB7 18-20	BK41646	SW8081	12/19/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.8	1.8
15SB7 18-20	BK41646	SW8081	12/19/15	2	Dieldrin		ug/kg	U	4.5	4.5
15SB7 18-20	BK41646	SW8081	12/19/15	2	Endrin		ug/kg	U	8.9	8.9
15SB7 18-20	BK41646	SW8081	12/19/15	2	Methoxychlor		ug/kg	U	45	45
15SB7 18-20	BK41646	SW8081	12/19/15	2	P,P'-DDD		ug/kg	U	2.7	2.7
15SB7 18-20	BK41646	SW8081	12/19/15	2	P,P'-DDE		ug/kg	U	2.7	2.7
15SB7 18-20	BK41646	SW8081	12/19/15	2	Endrin Aldehyde		ug/kg	U	8.9	8.9
15SB7 18-20	BK41646	SW8081	12/19/15	2	Heptachlor		ug/kg	U	8.9	8.9
15SB7 18-20	BK41646	SW8081	12/19/15	2	Toxaphene		ug/kg	U	180	180
15SB7 18-20	BK41646	SW8081	12/19/15	2	Alpha Endosulfan		ug/kg	U	8.9	8.9
15SB7 18-20	BK41646	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	45	45
15SB7 18-20	BK41646	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	45	45
15SB7 18-20	BK41646	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	45	45
15SB7 18-20	BK41646	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	45	45
15SB7 18-20	BK41646	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	45	45
15SB7 18-20	BK41646	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	45	45
15SB7 18-20	BK41646	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	45	45
15SB7 18-20	BK41646	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	45	45
15SB7 18-20	BK41646	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	45	45
15SB7 18-20	BK41646	SW8260	12/22/15	50	Ethylbenzene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Styrene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Cis-1,3-Dichloropropene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Trans-1,3-Dichloropropene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	N-Propylbenzene		ug/kg	U	45	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	N-Butylbenzene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	4-Chlorotoluene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,4-Dichlorobenzene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Acrolein		ug/kg	U	120	1000
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,2-Dichloroethane		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Acrylonitrile		ug/kg	U	25	1000
15SB7 18-20	BK41646	SW8260	12/22/15	50	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	250	1200
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Bromobenzene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Toluene	35	ug/kg	J	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Chlorobenzene		ug/kg	U	25	250



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB7 18-20	BK41646	SW8260	12/22/15	50	Tetrahydrofuran		ug/kg	U	120	500
15SB7 18-20	BK41646	SW8260	12/22/15	50	Trans-1,4-Dichloro-2-Butene		ug/kg	U	120	500
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,2,4-Trichlorobenzene		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,4-Dioxane (P-Dioxane)		ug/kg	U	2000	5000
15SB7 18-20	BK41646	SW8260	12/22/15	50	Dibromochloromethane		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Tetrachloroethylene (PCE)		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Sec-Butylbenzene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,3-Dichloropropane		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Cis-1,2-Dichloroethylene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Trans-1,2-Dichloroethene		ug/kg	U	25	190
15SB7 18-20	BK41646	SW8260	12/22/15	50	Tert-Butyl Methyl Ether		ug/kg	U	50	500
15SB7 18-20	BK41646	SW8260	12/22/15	50	m,p-Xylene		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	O-Cymene (O-Isopropyltoluene)		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,3-Dichlorobenzene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Carbon Tetrachloride		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,1-Dichloropropene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	2-Hexanone		ug/kg	U	250	1200
15SB7 18-20	BK41646	SW8260	12/22/15	50	2,2-Dichloropropane		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,1,1,2-Tetrachloroethane		ug/kg	U	50	1000
15SB7 18-20	BK41646	SW8260	12/22/15	50	Chloroform		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Benzene		ug/kg	U	25	60
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,1,1-Trichloroethane		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Bromomethane		ug/kg	UJ	100	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Chloromethane		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Dibromomethane		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Bromochloromethane		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Chloroethane		ug/kg	UJ	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Vinyl Chloride		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Methylene Chloride		ug/kg	U	250	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Carbon Disulfide		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Bromoform		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Bromodichloromethane		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,1-Dichloroethane		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,1-Dichloroethene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Tert-Butyl Alcohol		ug/kg	U	1000	5000
15SB7 18-20	BK41646	SW8260	12/22/15	50	Trichlorofluoromethane		ug/kg	UJ	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Dichlorodifluoromethane		ug/kg	U	25	250



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,2-Dichloropropane		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	250	1500
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,1,2-Trichloroethane		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Trichloroethylene (TCE)		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,1,2,2-Tetrachloroethane		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,2,3-Trichlorobenzene		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Hexachlorobutadiene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Naphthalene	410	ug/kg		50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	2-Chlorotoluene		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,2-Dichlorobenzene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,2,4-Trimethylbenzene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,2-Dibromo-3-Chloropropane		ug/kg	U	50	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	1,2,3-Trichloropropane		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	T-Butylbenzene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Isopropylbenzene (Cumene)		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8260	12/22/15	50	Cymene		ug/kg	U	25	250
15SB7 18-20	BK41646	SW8270	12/21/15	1	4-Nitroaniline		ug/kg	U	150	880
15SB7 18-20	BK41646	SW8270	12/21/15	1	4-Nitrophenol		ug/kg	U	200	440
15SB7 18-20	BK41646	SW8270	12/21/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	130	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	2,4-Dimethylphenol		ug/kg	U	110	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	130	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	4-Chloroaniline		ug/kg	U	200	350
15SB7 18-20	BK41646	SW8270	12/21/15	1	Phenol		ug/kg	U	140	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	120	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	120	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	130	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Di-N-Octylphthalate		ug/kg	U	110	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Hexachlorobenzene		ug/kg	U	130	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	130	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	2,4-Dichlorophenol		ug/kg	U	150	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	2,4-Dinitrotoluene		ug/kg	U	170	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	1,2-Diphenylhydrazine		ug/kg	U	140	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Dimethyl Phthalate		ug/kg	U	140	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Dibenzofuran		ug/kg	U	130	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Acenaphthylene		ug/kg	U	120	310



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB7 18-20	BK41646	SW8270	12/21/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	120	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Dibenz(A,H)Anthracene		ug/kg	U	140	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	130	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	4-Chloro-3-Methylphenol		ug/kg	U	150	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	2,6-Dinitrotoluene		ug/kg	U	140	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	140	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Aniline		ug/kg	U	350	350
15SB7 18-20	BK41646	SW8270	12/21/15	1	N-Nitrosodimethylamine		ug/kg	U	120	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Hexachloroethane		ug/kg	U	130	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	150	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Isophorone		ug/kg	U	120	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Pentachloronitrobenzene		ug/kg	U	160	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Acenaphthene		ug/kg	U	130	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Diethyl Phthalate		ug/kg	U	140	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Di-N-Butyl Phthalate		ug/kg	U	120	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Benzyl Butyl Phthalate		ug/kg	U	110	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	N-Nitrosodiphenylamine		ug/kg	U	170	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Fluorene		ug/kg	U	140	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Carbazole		ug/kg	U	330	2200
15SB7 18-20	BK41646	SW8270	12/21/15	1	Hexachlorobutadiene		ug/kg	U	160	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Pentachlorophenol		ug/kg	UJ	170	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	2,4,6-Trichlorophenol		ug/kg	U	140	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	2-Nitroaniline		ug/kg	U	440	880
15SB7 18-20	BK41646	SW8270	12/21/15	1	2-Nitrophenol		ug/kg	U	280	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Naphthalene		ug/kg	U	130	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	2-Methylnaphthalene		ug/kg	U	130	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	2-Chloronaphthalene		ug/kg	U	120	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	3,3'-Dichlorobenzidine		ug/kg	U	210	880
15SB7 18-20	BK41646	SW8270	12/21/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	210	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	120	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	2-Chlorophenol		ug/kg	U	120	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	150	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	2,4,5-Trichlorophenol		ug/kg	U	240	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Acetophenone		ug/kg	U	140	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Nitrobenzene		ug/kg	U	150	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	3-Nitroaniline		ug/kg	U	880	880
15SB7 18-20	BK41646	SW8260	12/22/15	50	Acetone		ug/kg	UJ	250	2500



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15SB7 18-20	BK41646	SW6010	12/20/15	10	Iron	10700	mg/kg		40	40
15SB7 18-20	BK41646	SW6010	12/20/15	1	Copper	119	mg/kg		0.40	0.40
15SB7 18-20	BK41646	SW8270	12/21/15	1	Chrysene	570	ug/kg		150	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Fluoranthene	1200	ug/kg		140	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Indeno(1,2,3-C,D)Pyrene	290	ug/kg	J	150	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Phenanthrene	1100	ug/kg		130	310
15SB7 18-20	BK41646	SW8270	12/21/15	1	Pyrene	960	ug/kg		150	310
15SB8 0-2	BK41647	SW8270	12/19/15	1	2-Methylnaphthalene	160	ug/kg	J	110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Acenaphthene	420	ug/kg		110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Acenaphthylene	120	ug/kg	J	100	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Anthracene	840	ug/kg		120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Benzo(A)Anthracene	2000	ug/kg		130	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Benzo(A)Pyrene	1900	ug/kg		120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Benzo(B)Fluoranthene	1600	ug/kg		130	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Benzo(G,H,I)Perylene	920	ug/kg		120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Benzo(K)Fluoranthene	1600	ug/kg		120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate	200	ug/kg	J	110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	92	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Carbazole	320	ug/kg	J	280	1900
15SB8 0-2	BK41647	SW8270	12/19/15	1	Chrysene	2300	ug/kg		130	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	260	750
15SB8 0-2	BK41647	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	400	1900
15SB8 0-2	BK41647	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	750	1900
15SB8 0-2	BK41647	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	220	750
15SB8 0-2	BK41647	E160.3	12/18/15	1	Solids, Percent	87	%			
15SB8 0-2	BK41647	SW6010	12/20/15	10	Aluminum	3600	mg/kg		7.0	35
15SB8 0-2	BK41647	SW6010	12/20/15	10	Lead	317	mg/kg		3.5	7.0
15SB8 0-2	BK41647	SW6010	12/20/15	10	Manganese	468	mg/kg		3.5	3.5
15SB8 0-2	BK41647	SW6010	12/20/15	10	Zinc	222	mg/kg		3.5	7.0
15SB8 0-2	BK41647	SW6010	12/20/15	1	Magnesium	1150	mg/kg		3.5	3.5
15SB8 0-2	BK41647	SW6010	12/20/15	1	Nickel	20.5	mg/kg		0.35	0.35
15SB8 0-2	BK41647	SW6010	12/20/15	1	Potassium	1230	mg/kg	J+	2.7	7
15SB8 0-2	BK41647	SW6010	12/20/15	1	Silver		mg/kg	U	0.35	0.35
15SB8 0-2	BK41647	SW6010	12/20/15	1	Sodium	500	mg/kg	J+	3.0	7
15SB8 0-2	BK41647	SW6010	12/20/15	1	Thallium		mg/kg	U	1.4	1.4
15SB8 0-2	BK41647	SW6010	12/20/15	1	Antimony	7.1	mg/kg		1.8	1.8



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 0-2	BK41647	SW6010	12/20/15	1	Arsenic	11.1	mg/kg		0.70	0.7
15SB8 0-2	BK41647	SW6010	12/20/15	1	Barium	206	mg/kg		0.35	0.7
15SB8 0-2	BK41647	SW6010	12/20/15	1	Beryllium	0.16	mg/kg	J	0.14	0.28
15SB8 0-2	BK41647	SW6010	12/20/15	1	Cadmium	1.80	mg/kg		0.14	0.35
15SB8 0-2	BK41647	SW6010	12/20/15	1	Chromium, Total	19.3	mg/kg		0.35	0.35
15SB8 0-2	BK41647	SW6010	12/20/15	1	Cobalt	12.4	mg/kg		0.35	0.35
15SB8 0-2	BK41647	SW6010	12/20/15	1	Vanadium	24.4	mg/kg		0.35	0.4
15SB8 0-2	BK41647	SW6010	12/20/15	1	Calcium	3100	mg/kg		3.2	3.5
15SB8 0-2	BK41647	SW6010	12/20/15	1	Selenium		mg/kg	U	1.2	1.4
15SB8 0-2	BK41647	SW7471	12/21/15	1	Mercury	0.21	mg/kg		0.02	0.03
15SB8 0-2	BK41647	SW8081	12/20/15	2	Heptachlor Epoxide		ug/kg	U	7.4	7.4
15SB8 0-2	BK41647	SW8081	12/20/15	2	Endosulfan Sulfate		ug/kg	U	7.4	7.4
15SB8 0-2	BK41647	SW8081	12/20/15	2	Aldrin		ug/kg	U	3.7	3.7
15SB8 0-2	BK41647	SW8081	12/20/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	7.4	7.4
15SB8 0-2	BK41647	SW8081	12/20/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	7.4	7.4
15SB8 0-2	BK41647	SW8081	12/20/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	7.4	7.4
15SB8 0-2	BK41647	SW8081	12/20/15	2	Beta Endosulfan		ug/kg	U	7.4	7.4
15SB8 0-2	BK41647	SW8081	12/20/15	2	P,P'-DDT		ug/kg	U	2.2	2.2
15SB8 0-2	BK41647	SW8081	12/20/15	2	cis-Chlordane		ug/kg	U	3.7	3.7
15SB8 0-2	BK41647	SW8081	12/20/15	2	trans-Chlordane		ug/kg	U	3.7	3.7
15SB8 0-2	BK41647	SW8081	12/20/15	2	Endrin Ketone		ug/kg	U	7.4	7.4
15SB8 0-2	BK41647	SW8081	12/20/15	2	Chlordane		ug/kg	U	37	37
15SB8 0-2	BK41647	SW8081	12/20/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.5	1.5
15SB8 0-2	BK41647	SW8081	12/20/15	2	Dieldrin		ug/kg	U	3.7	3.7
15SB8 0-2	BK41647	SW8081	12/20/15	2	Endrin		ug/kg	U	7.4	7.4
15SB8 0-2	BK41647	SW8081	12/20/15	2	Methoxychlor		ug/kg	U	37	37
15SB8 0-2	BK41647	SW8081	12/20/15	2	P,P'-DDD		ug/kg	U	3.3	3.3
15SB8 0-2	BK41647	SW8081	12/20/15	2	P,P'-DDE		ug/kg	U	2.2	2.2
15SB8 0-2	BK41647	SW8081	12/20/15	2	Endrin Aldehyde		ug/kg	U	7.4	7.4
15SB8 0-2	BK41647	SW8081	12/20/15	2	Heptachlor		ug/kg	U	7.4	7.4
15SB8 0-2	BK41647	SW8081	12/20/15	2	Toxaphene		ug/kg	U	150	150
15SB8 0-2	BK41647	SW8081	12/20/15	2	Alpha Endosulfan		ug/kg	U	7.4	7.4
15SB8 0-2	BK41647	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	37	37
15SB8 0-2	BK41647	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	37	37
15SB8 0-2	BK41647	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	37	37
15SB8 0-2	BK41647	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	37	37
15SB8 0-2	BK41647	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	37	37



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 0-2	BK41647	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	37	37
15SB8 0-2	BK41647	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	37	37
15SB8 0-2	BK41647	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	37	37
15SB8 0-2	BK41647	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	37	37
15SB8 0-2	BK41647	SW8260	12/22/15	50	Ethylbenzene	22	ug/kg	J	18	180
15SB8 0-2	BK41647	SW8260	12/22/15	50	N-Butylbenzene	19	ug/kg	J	18	180
15SB8 0-2	BK41647	SW8260	12/22/15	50	Toluene	220	ug/kg		18	180
15SB8 0-2	BK41647	SW8260	12/22/15	50	Sec-Butylbenzene	40	ug/kg	J	18	180
15SB8 0-2	BK41647	SW8260	12/22/15	50	m,p-Xylene	120	ug/kg	J	35	180
15SB8 0-2	BK41647	SW8260	12/22/15	50	1,1,1-Trichloroethane	34	ug/kg	J	18	180
15SB8 0-2	BK41647	SW8260	12/22/15	50	Naphthalene	93	ug/kg	J	35	180
15SB8 0-2	BK41647	SW8260	12/22/15	50	O-Xylene (1,2-Dimethylbenzene)	91	ug/kg	J	35	180
15SB8 0-2	BK41647	SW8260	12/22/15	1	Styrene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	N-Propylbenzene	1.3	ug/kg	J	0.57	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	4-Chlorotoluene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,4-Dichlorobenzene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Acrolein		ug/kg	U	1.6	13
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,2-Dichloroethane		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Acrylonitrile		ug/kg	U	0.32	13
15SB8 0-2	BK41647	SW8260	12/22/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	3.2	16
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Bromobenzene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Chlorobenzene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Tetrahydrofuran		ug/kg	U	1.6	6.3
15SB8 0-2	BK41647	SW8260	12/22/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	1.6	6.3
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,2,4-Trichlorobenzene		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	25	63
15SB8 0-2	BK41647	SW8260	12/22/15	1	Dibromochloromethane		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Tetrachloroethylene (PCE)		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,3-Dichloropropane		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Tert-Butyl Methyl Ether		ug/kg	U	0.63	6.3
15SB8 0-2	BK41647	SW8260	12/22/15	1	O-Cymene (O-Isopropyltoluene)	6.7	ug/kg	J	0.32	3.2



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,3-Dichlorobenzene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Carbon Tetrachloride		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,1-Dichloropropene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	2-Hexanone		ug/kg	U	3.2	16
15SB8 0-2	BK41647	SW8260	12/22/15	1	2,2-Dichloropropane		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	0.63	13
15SB8 0-2	BK41647	SW8260	12/22/15	1	Chloroform		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Benzene	0.63	ug/kg	J	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Bromomethane		ug/kg	U	1.3	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Chloromethane		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Dibromomethane		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Bromochloromethane		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Chloroethane		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Vinyl Chloride		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Methylene Chloride		ug/kg	U	3.2	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Carbon Disulfide		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Bromoform		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Bromodichloromethane		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,1-Dichloroethane		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,1-Dichloroethene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Tert-Butyl Alcohol		ug/kg	U	13	63
15SB8 0-2	BK41647	SW8260	12/22/15	1	Trichlorofluoromethane		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Dichlorodifluoromethane		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,2-Dichloropropane		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	3.2	19
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,1,2-Trichloroethane		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Trichloroethylene (TCE)		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,2,3-Trichlorobenzene		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Hexachlorobutadiene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	2-Chlorotoluene		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,2-Dichlorobenzene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,2,4-Trimethylbenzene	0.48	ug/kg	J	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	0.63	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	1,2,3-Trichloropropane		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	T-Butylbenzene	4.0	ug/kg	J	0.32	3.2



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 0-2	BK41647	SW8260	12/22/15	1	Isopropylbenzene (Cumene)	2.0	ug/kg	J	0.32	3.2
15SB8 0-2	BK41647	SW8260	12/22/15	1	Cymene		ug/kg	U	0.32	3.2
15SB8 0-2	BK41647	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	120	750
15SB8 0-2	BK41647	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	170	370
15SB8 0-2	BK41647	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	93	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	170	300
15SB8 0-2	BK41647	SW8270	12/19/15	1	Phenol		ug/kg	U	120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	100	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	100	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	97	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	130	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	150	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Dibenz(A,H)Anthracene	250	ug/kg	J	120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	100	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Dibenzofuran	300	ug/kg		110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	130	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Aniline		ug/kg	U	300	300
15SB8 0-2	BK41647	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	130	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Isophorone		ug/kg	U	100	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	140	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	100	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Fluoranthene	4800	ug/kg		120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	97	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	140	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	140	260



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 0-2	BK41647	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	140	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	380	750
15SB8 0-2	BK41647	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	240	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Naphthalene		ug/kg	U	110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	180	750
15SB8 0-2	BK41647	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	180	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	130	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	210	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Acetophenone		ug/kg	U	120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	130	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	750	750
15SB8 0-2	BK41647	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	150	260
15SB8 0-2	BK41647	SW8260	12/22/15	1	Acetone	8.2	ug/kg	J	3.2	32
15SB8 0-2	BK41647	SW6010	12/20/15	10	Iron	42800	mg/kg		35	35
15SB8 0-2	BK41647	SW6010	12/20/15	1	Copper	59.2	mg/kg		0.35	0.35
15SB8 0-2	BK41647	SW8270	12/19/15	1	Fluorene	270	ug/kg		120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene	990	ug/kg		120	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Phenanthrene	5200	ug/kg		110	260
15SB8 0-2	BK41647	SW8270	12/19/15	1	Pyrene	4300	ug/kg		130	260
15SB8 11-13	BK41648	SW8270	12/19/15	1	Benzo(A)Anthracene	150	ug/kg	J	150	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Benzo(A)Pyrene	150	ug/kg	J	140	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate	840	ug/kg		120	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	110	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Chrysene	150	ug/kg	J	150	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	300	860
15SB8 11-13	BK41648	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	460	2200
15SB8 11-13	BK41648	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	860	2200
15SB8 11-13	BK41648	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	130	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	250	860
15SB8 11-13	BK41648	E160.3	12/18/15	1	Solids, Percent	75	%			
15SB8 11-13	BK41648	SW8260	12/23/15	2000	N-Propylbenzene	31000	ug/kg		1700	9700
15SB8 11-13	BK41648	SW8260	12/23/15	2000	N-Butylbenzene	16000	ug/kg		970	9700
15SB8 11-13	BK41648	SW8260	12/23/15	2000	Sec-Butylbenzene	31000	ug/kg		970	9700



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41633**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 11-13	BK41648	SW8260	12/23/15	2000	O-Cymene (O-Isopropyltoluene)	11000	ug/kg		970	9700
15SB8 11-13	BK41648	SW8260	12/23/15	2000	1,2,4-Trimethylbenzene	6500	ug/kg		970	5900
15SB8 11-13	BK41648	SW8260	12/23/15	2000	T-Butylbenzene	4700	ug/kg		970	2900
15SB8 11-13	BK41648	SW8260	12/23/15	2000	Isopropylbenzene (Cumene)	17000	ug/kg		970	9700
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Ethylbenzene		ug/kg	U	490	1000
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Styrene		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Cis-1,3-Dichloropropene		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Trans-1,3-Dichloropropene		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	4-Chlorotoluene		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,4-Dichlorobenzene		ug/kg	U	490	1800
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Acrolein		ug/kg	U	2400	19000
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,2-Dichloroethane		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Acrylonitrile		ug/kg	U	490	19000
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	4900	24000
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Bromobenzene		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Toluene		ug/kg	U	490	700
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Chlorobenzene		ug/kg	U	490	1100
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Tetrahydrofuran		ug/kg	U	2400	9700
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Trans-1,4-Dichloro-2-Butene		ug/kg	U	2400	9700
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,2,4-Trichlorobenzene		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,4-Dioxane (P-Dioxane)		ug/kg	U	39000	97000
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Dibromochloromethane		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Tetrachloroethylene (PCE)		ug/kg	U	970	1300
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,3-Dichloropropane		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Cis-1,2-Dichloroethylene		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Trans-1,2-Dichloroethene		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Tert-Butyl Methyl Ether		ug/kg	U	970	9700
15SB8 11-13	BK41648	SW8260	12/23/15	1000	m,p-Xylene		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,3-Dichlorobenzene		ug/kg	U	490	2400
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Carbon Tetrachloride		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,1-Dichloropropene		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	2-Hexanone		ug/kg	U	4900	24000
15SB8 11-13	BK41648	SW8260	12/23/15	1000	2,2-Dichloropropane		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,1,1,2-Tetrachloroethane		ug/kg	U	970	19000
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Chloroform		ug/kg	U	490	4900



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41633**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Benzene		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,1,1-Trichloroethane		ug/kg	U	490	680
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Bromomethane		ug/kg	U	1900	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Chloromethane		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Dibromomethane		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Bromochloromethane		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Chloroethane		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Vinyl Chloride		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Methylene Chloride		ug/kg	U	4900	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Carbon Disulfide		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Bromoform		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Bromodichloromethane		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,1-Dichloroethane		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,1-Dichloroethene		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Tert-Butyl Alcohol		ug/kg	U	19000	97000
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Trichlorofluoromethane		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Dichlorodifluoromethane		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,2-Dichloropropane		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	4900	29000
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,1,2-Trichloroethane		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Trichloroethylene (TCE)		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,1,2,2-Tetrachloroethane		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,2,3-Trichlorobenzene		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Hexachlorobutadiene		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Naphthalene		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	2-Chlorotoluene		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,2-Dichlorobenzene		ug/kg	U	490	1100
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,2-Dibromo-3-Chloropropane		ug/kg	U	970	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	1,2,3-Trichloropropane		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Cymene		ug/kg	U	490	4900
15SB8 11-13	BK41648	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	140	860
15SB8 11-13	BK41648	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	200	430
15SB8 11-13	BK41648	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	130	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	UJ	110	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	130	300



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 11-13	BK41648	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	UJ	200	350
15SB8 11-13	BK41648	SW8270	12/19/15	1	Phenol		ug/kg	U	140	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	120	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	UJ	120	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	110	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	130	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Anthracene		ug/kg	U	140	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	UJ	130	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	UJ	150	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	170	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	140	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	130	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	130	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Benzo(G,H,I)Perylene		ug/kg	U	140	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	140	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Benzo(B)Fluoranthene		ug/kg	U	150	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Benzo(K)Fluoranthene		ug/kg	U	140	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	120	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	120	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Fluoranthene	260	ug/kg	J	140	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	140	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	130	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	UJ	150	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	140	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	140	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Aniline		ug/kg	U	350	350
15SB8 11-13	BK41648	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	120	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	130	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	150	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Isophorone		ug/kg	UJ	120	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	160	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	130	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	140	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	110	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	110	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	170	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Fluorene		ug/kg	U	140	300



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 11-13	BK41648	SW8270	12/19/15	1	Carbazole		ug/kg	U	330	2200
15SB8 11-13	BK41648	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	UJ	160	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	160	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	UJ	140	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	440	860
15SB8 11-13	BK41648	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	UJ	270	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Naphthalene		ug/kg	UJ	120	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	UJ	130	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	120	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	200	860
15SB8 11-13	BK41648	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	200	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	120	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	120	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	UJ	150	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	UJ	240	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Acetophenone		ug/kg	U	130	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Nitrobenzene		ug/kg	UJ	150	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	860	860
15SB8 11-13	BK41648	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	170	300
15SB8 11-13	BK41648	SW8260	12/23/15	1000	Acetone		ug/kg	UJ	4900	49000
15SB8 11-13	BK41648	SW8270	12/19/15	1	Phenanthrene	260	ug/kg	J	120	300
15SB8 11-13	BK41648	SW8270	12/19/15	1	Pyrene	250	ug/kg	J	150	300
15SB8 18-20	BK41649	SW8260	12/23/15	1	Acetone		ug/kg	UJ	5.9	50
15SB8 18-20	BK41649	SW8260	12/23/15	1	Chloromethane		ug/kg	UJ	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Dichlorodifluoromethane		ug/kg	UJ	0.59	5.9
15SB8 18-20	BK41649	SW8270	12/21/15	1	3- And 4- Methylphenol (Total)	330	ug/kg		180	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Acenaphthene	190	ug/kg	J	140	330
15SB8 18-20	BK41649	SW8260	12/23/15	1	Vinyl Chloride		ug/kg	UJ	0.59	5.9
15SB8 18-20	BK41649	SW8270	12/21/15	1	Anthracene	490	ug/kg		150	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Benzo(A)Anthracene	770	ug/kg		160	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Benzo(A)Pyrene	720	ug/kg		150	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Benzo(B)Fluoranthene	560	ug/kg		160	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Benzo(G,H,I)Perylene	390	ug/kg		150	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Benzo(K)Fluoranthene	600	ug/kg		160	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Chrysene	790	ug/kg		160	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Pyridine		ug/kg	UJ	120	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	2,4-Dinitrophenol		ug/kg	R	330	940



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BROOKLYN, NY
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SOIL
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 18-20	BK41649	SW8270	12/21/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	500	2300
15SB8 18-20	BK41649	SW8270	12/21/15	1	Benzoic Acid		ug/kg	R	940	2300
15SB8 18-20	BK41649	SW8270	12/21/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	140	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Benzidine		ug/kg	UJ	280	940
15SB8 18-20	BK41649	E160.3	12/18/15	1	Solids, Percent	69	%			
15SB8 18-20	BK41649	SW6010	12/20/15	10	Aluminum	5620	mg/kg		10	50
15SB8 18-20	BK41649	SW6010	12/20/15	10	Manganese	261	mg/kg		5.0	5.0
15SB8 18-20	BK41649	SW6010	12/20/15	1	Lead	134	mg/kg		0.50	1.0
15SB8 18-20	BK41649	SW6010	12/20/15	1	Magnesium	3130	mg/kg		5.0	5.0
15SB8 18-20	BK41649	SW6010	12/20/15	1	Nickel	17.5	mg/kg		0.50	0.50
15SB8 18-20	BK41649	SW6010	12/20/15	1	Potassium	3050	mg/kg	J+	3.9	10
15SB8 18-20	BK41649	SW6010	12/20/15	1	Silver		mg/kg	U	0.50	0.50
15SB8 18-20	BK41649	SW6010	12/20/15	1	Sodium	192	mg/kg	J+	4.3	10
15SB8 18-20	BK41649	SW6010	12/20/15	1	Thallium		mg/kg	U	2.0	2.0
15SB8 18-20	BK41649	SW6010	12/20/15	1	Antimony		mg/kg	U	2.5	2.5
15SB8 18-20	BK41649	SW6010	12/20/15	1	Arsenic	4.1	mg/kg		1.0	1.0
15SB8 18-20	BK41649	SW6010	12/20/15	1	Barium	88.9	mg/kg		0.50	1.0
15SB8 18-20	BK41649	SW6010	12/20/15	1	Beryllium	0.49	mg/kg		0.20	0.40
15SB8 18-20	BK41649	SW6010	12/20/15	1	Cadmium	0.50	mg/kg		0.20	0.50
15SB8 18-20	BK41649	SW6010	12/20/15	1	Chromium, Total	29.1	mg/kg		0.50	0.50
15SB8 18-20	BK41649	SW6010	12/20/15	1	Cobalt	11.5	mg/kg		0.50	0.50
15SB8 18-20	BK41649	SW6010	12/20/15	1	Vanadium	40.0	mg/kg		0.50	0.5
15SB8 18-20	BK41649	SW6010	12/20/15	1	Zinc	136	mg/kg		0.50	1.0
15SB8 18-20	BK41649	SW6010	12/20/15	1	Calcium	2980	mg/kg		4.6	5.0
15SB8 18-20	BK41649	SW6010	12/20/15	1	Selenium		mg/kg	U	1.7	2.0
15SB8 18-20	BK41649	SW7471	12/21/15	1	Mercury	0.92	mg/kg		0.02	0.04
15SB8 18-20	BK41649	SW8081	12/20/15	2	Heptachlor Epoxide		ug/kg	U	9.5	9.5
15SB8 18-20	BK41649	SW8081	12/20/15	2	Endosulfan Sulfate		ug/kg	U	9.5	9.5
15SB8 18-20	BK41649	SW8081	12/20/15	2	Aldrin		ug/kg	U	4.8	4.8
15SB8 18-20	BK41649	SW8081	12/20/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	9.5	9.5
15SB8 18-20	BK41649	SW8081	12/20/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	9.5	9.5
15SB8 18-20	BK41649	SW8081	12/20/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	9.5	9.5
15SB8 18-20	BK41649	SW8081	12/20/15	2	Beta Endosulfan		ug/kg	U	9.5	9.5
15SB8 18-20	BK41649	SW8081	12/20/15	2	P,P'-DDT		ug/kg	U	2.9	2.9
15SB8 18-20	BK41649	SW8081	12/20/15	2	cis-Chlordane		ug/kg	U	4.8	4.8
15SB8 18-20	BK41649	SW8081	12/20/15	2	trans-Chlordane		ug/kg	U	4.8	4.8
15SB8 18-20	BK41649	SW8081	12/20/15	2	Endrin Ketone		ug/kg	U	9.5	9.5



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 18-20	BK41649	SW8081	12/20/15	2	Chlordane		ug/kg	U	48	48
15SB8 18-20	BK41649	SW8081	12/20/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.9	1.9
15SB8 18-20	BK41649	SW8081	12/20/15	2	Dieldrin		ug/kg	U	4.8	4.8
15SB8 18-20	BK41649	SW8081	12/20/15	2	Endrin		ug/kg	U	9.5	9.5
15SB8 18-20	BK41649	SW8081	12/20/15	2	Methoxychlor		ug/kg	U	48	48
15SB8 18-20	BK41649	SW8081	12/20/15	2	P,P'-DDD		ug/kg	U	2.9	2.9
15SB8 18-20	BK41649	SW8081	12/20/15	2	P,P'-DDE		ug/kg	U	2.9	2.9
15SB8 18-20	BK41649	SW8081	12/20/15	2	Endrin Aldehyde		ug/kg	U	9.5	9.5
15SB8 18-20	BK41649	SW8081	12/20/15	2	Heptachlor		ug/kg	U	9.5	9.5
15SB8 18-20	BK41649	SW8081	12/20/15	2	Toxaphene		ug/kg	U	190	190
15SB8 18-20	BK41649	SW8081	12/20/15	2	Alpha Endosulfan		ug/kg	U	9.5	9.5
15SB8 18-20	BK41649	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	48	48
15SB8 18-20	BK41649	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	48	48
15SB8 18-20	BK41649	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	48	48
15SB8 18-20	BK41649	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	48	48
15SB8 18-20	BK41649	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	48	48
15SB8 18-20	BK41649	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	48	48
15SB8 18-20	BK41649	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	48	48
15SB8 18-20	BK41649	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	48	48
15SB8 18-20	BK41649	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	48	48
15SB8 18-20	BK41649	SW8260	12/23/15	50	N-Propylbenzene	73	ug/kg	J	53	290
15SB8 18-20	BK41649	SW8260	12/23/15	50	N-Butylbenzene	31	ug/kg	J	29	290
15SB8 18-20	BK41649	SW8260	12/23/15	50	Toluene	32	ug/kg	J	29	290
15SB8 18-20	BK41649	SW8260	12/23/15	50	Sec-Butylbenzene	80	ug/kg	J	29	290
15SB8 18-20	BK41649	SW8260	12/23/15	50	O-Cymene (O-Isopropyltoluene)	39	ug/kg	J	29	290
15SB8 18-20	BK41649	SW8260	12/23/15	50	1,2,4-Trimethylbenzene	46	ug/kg	J	29	290
15SB8 18-20	BK41649	SW8260	12/23/15	50	T-Butylbenzene	68	ug/kg	J	29	290
15SB8 18-20	BK41649	SW8260	12/23/15	50	Isopropylbenzene (Cumene)	76	ug/kg	J	29	290
15SB8 18-20	BK41649	SW8260	12/23/15	1	Ethylbenzene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Styrene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	4-Chlorotoluene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,4-Dichlorobenzene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Acrolein		ug/kg	U	3.0	24
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,2-Dichloroethane		ug/kg	U	0.59	5.9



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 18-20	BK41649	SW8260	12/23/15	1	Acrylonitrile		ug/kg	U	0.59	24
15SB8 18-20	BK41649	SW8260	12/23/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	5.9	30
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,3,5-Trimethylbenzene (Mesitylene)	0.76	ug/kg	J	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Bromobenzene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Chlorobenzene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Tetrahydrofuran		ug/kg	U	3.0	12
15SB8 18-20	BK41649	SW8260	12/23/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	3.0	12
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,2,4-Trichlorobenzene		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	48	100
15SB8 18-20	BK41649	SW8260	12/23/15	1	Dibromochloromethane		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Tetrachloroethylene (PCE)		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,3-Dichloropropane		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Tert-Butyl Methyl Ether		ug/kg	U	1.2	12
15SB8 18-20	BK41649	SW8260	12/23/15	1	m,p-Xylene		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,3-Dichlorobenzene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Carbon Tetrachloride		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,1-Dichloropropene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	2-Hexanone		ug/kg	U	5.9	30
15SB8 18-20	BK41649	SW8260	12/23/15	1	2,2-Dichloropropane		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	1.2	24
15SB8 18-20	BK41649	SW8260	12/23/15	1	Chloroform		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Benzene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,1,1-Trichloroethane		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Bromomethane		ug/kg	U	2.4	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Dibromomethane		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Bromochloromethane		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Chloroethane		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Methylene Chloride		ug/kg	U	5.9	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Carbon Disulfide		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Bromoform		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Bromodichloromethane		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,1-Dichloroethane		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,1-Dichloroethene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Tert-Butyl Alcohol		ug/kg	U	24	120
15SB8 18-20	BK41649	SW8260	12/23/15	1	Trichlorofluoromethane		ug/kg	U	1.2	5.9



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,2-Dichloropropane		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	5.9	36
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,1,2-Trichloroethane		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Trichloroethylene (TCE)		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,2,3-Trichlorobenzene		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Hexachlorobutadiene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Naphthalene		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	2-Chlorotoluene		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,2-Dichlorobenzene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	1.2	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	1,2,3-Trichloropropane		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8260	12/23/15	1	Cymene		ug/kg	U	0.59	5.9
15SB8 18-20	BK41649	SW8270	12/21/15	1	4-Nitroaniline		ug/kg	U	160	940
15SB8 18-20	BK41649	SW8270	12/21/15	1	4-Nitrophenol		ug/kg	U	210	470
15SB8 18-20	BK41649	SW8270	12/21/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	140	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	2,4-Dimethylphenol		ug/kg	U	120	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	140	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	4-Chloroaniline		ug/kg	U	220	380
15SB8 18-20	BK41649	SW8270	12/21/15	1	Phenol		ug/kg	U	150	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	130	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	130	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	140	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Di-N-Octylphthalate		ug/kg	U	120	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Hexachlorobenzene		ug/kg	U	140	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Fluoranthene	1800	ug/kg		150	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	140	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	2,4-Dichlorophenol		ug/kg	U	170	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	2,4-Dinitrotoluene		ug/kg	U	180	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	1,2-Diphenylhydrazine		ug/kg	U	150	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Dimethyl Phthalate		ug/kg	U	150	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Dibenzofuran		ug/kg	U	140	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Acenaphthylene		ug/kg	U	130	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Fluorene	210	ug/kg	J	150	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	130	330



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 18-20	BK41649	SW8270	12/21/15	1	Dibenz(A,H)Anthracene		ug/kg	U	150	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	140	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	4-Chloro-3-Methylphenol		ug/kg	U	170	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	2,6-Dinitrotoluene		ug/kg	U	150	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	150	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Aniline		ug/kg	U	380	380
15SB8 18-20	BK41649	SW8270	12/21/15	1	N-Nitrosodimethylamine		ug/kg	U	130	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Hexachloroethane		ug/kg	U	140	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	160	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Isophorone		ug/kg	U	130	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Pentachloronitrobenzene		ug/kg	U	170	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Diethyl Phthalate		ug/kg	U	150	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Di-N-Butyl Phthalate		ug/kg	U	120	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Benzyl Butyl Phthalate		ug/kg	U	120	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	N-Nitrosodiphenylamine		ug/kg	U	180	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Carbazole		ug/kg	U	360	2300
15SB8 18-20	BK41649	SW8270	12/21/15	1	Hexachlorobutadiene		ug/kg	U	170	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Pentachlorophenol		ug/kg	UJ	180	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	2,4,6-Trichlorophenol		ug/kg	U	150	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	2-Nitroaniline		ug/kg	U	470	940
15SB8 18-20	BK41649	SW8270	12/21/15	1	2-Nitrophenol		ug/kg	U	300	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Naphthalene		ug/kg	U	140	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	2-Methylnaphthalene		ug/kg	U	140	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	2-Chloronaphthalene		ug/kg	U	130	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	3,3'-Dichlorobenzidine		ug/kg	U	220	940
15SB8 18-20	BK41649	SW8270	12/21/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	220	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	130	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	2-Chlorophenol		ug/kg	U	130	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	170	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	2,4,5-Trichlorophenol		ug/kg	U	260	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Acetophenone		ug/kg	U	150	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Nitrobenzene		ug/kg	U	160	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	3-Nitroaniline		ug/kg	U	940	940
15SB8 18-20	BK41649	SW6010	12/20/15	1	Copper	31.4	mg/kg		0.50	0.50
15SB8 18-20	BK41649	SW6010	12/20/15	10	Iron	15900	mg/kg		50	50
15SB8 18-20	BK41649	SW8270	12/21/15	1	Indeno(1,2,3-C,D)Pyrene	430	ug/kg		160	330
15SB8 18-20	BK41649	SW8270	12/21/15	1	Phenanthrene	1900	ug/kg		130	330



**65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41633**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB8 18-20	BK41649	SW8270	12/21/15	1	Pyrene	1600	ug/kg		160	330
15SB9 0-2	BK41650	SW8270	12/19/15	1	Anthracene	240	ug/kg	J	130	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Benzo(A)Anthracene	1800	ug/kg		130	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Benzo(A)Pyrene	1800	ug/kg		120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Benzo(B)Fluoranthene	1700	ug/kg		130	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Benzo(G,H,I)Perylene	1000	ug/kg		120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Benzo(K)Fluoranthene	1700	ug/kg		130	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate	1000	ug/kg		110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Chrysene	2100	ug/kg		130	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Dibenz(A,H)Anthracene	270	ug/kg	J	120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Fluoranthene	2500	ug/kg		120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	94	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	270	770
15SB9 0-2	BK41650	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	410	1900
15SB9 0-2	BK41650	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	770	1900
15SB9 0-2	BK41650	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene	1100	ug/kg		130	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	230	770
15SB9 0-2	BK41650	E160.3	12/18/15	1	Solids, Percent	86	%			
15SB9 0-2	BK41650	SW6010	12/20/15	10	Aluminum	4170	mg/kg		7.3	36
15SB9 0-2	BK41650	SW6010	12/20/15	10	Lead	612	mg/kg		3.6	7.3
15SB9 0-2	BK41650	SW6010	12/20/15	10	Manganese	189	mg/kg		3.6	3.6
15SB9 0-2	BK41650	SW6010	12/20/15	10	Zinc	170	mg/kg		3.6	7.3
15SB9 0-2	BK41650	SW6010	12/20/15	10	Calcium	11800	mg/kg		33	36
15SB9 0-2	BK41650	SW6010	12/20/15	1	Magnesium	1550	mg/kg		3.6	3.6
15SB9 0-2	BK41650	SW6010	12/20/15	1	Nickel	17.8	mg/kg		0.36	0.36
15SB9 0-2	BK41650	SW6010	12/20/15	1	Potassium	1210	mg/kg	J+	2.8	7
15SB9 0-2	BK41650	SW6010	12/20/15	1	Silver		mg/kg	U	0.36	0.36
15SB9 0-2	BK41650	SW6010	12/20/15	1	Sodium	907	mg/kg	J+	3.1	7
15SB9 0-2	BK41650	SW6010	12/20/15	1	Thallium		mg/kg	U	1.5	1.5
15SB9 0-2	BK41650	SW6010	12/20/15	1	Antimony	3.4	mg/kg		1.8	1.8
15SB9 0-2	BK41650	SW6010	12/20/15	1	Arsenic	15.2	mg/kg		0.73	0.7
15SB9 0-2	BK41650	SW6010	12/20/15	1	Barium	179	mg/kg		0.36	0.7
15SB9 0-2	BK41650	SW6010	12/20/15	1	Beryllium	0.26	mg/kg	J	0.15	0.29
15SB9 0-2	BK41650	SW6010	12/20/15	1	Cadmium	1.46	mg/kg		0.15	0.36
15SB9 0-2	BK41650	SW6010	12/20/15	1	Chromium, Total	20.7	mg/kg		0.36	0.36
15SB9 0-2	BK41650	SW6010	12/20/15	1	Cobalt	8.92	mg/kg		0.36	0.36



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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB9 0-2	BK41650	SW6010	12/20/15	1	Copper	66.8	mg/kg		0.36	0.36
15SB9 0-2	BK41650	SW6010	12/20/15	1	Vanadium	15.8	mg/kg		0.36	0.4
15SB9 0-2	BK41650	SW6010	12/20/15	1	Selenium		mg/kg	U	1.2	1.5
15SB9 0-2	BK41650	SW7471	12/21/15	1	Mercury	4.47	mg/kg		0.18	0.30
15SB9 0-2	BK41650	SW8081	12/20/15	2	Heptachlor Epoxide		ug/kg	U	7.6	7.6
15SB9 0-2	BK41650	SW8081	12/20/15	2	Endosulfan Sulfate		ug/kg	U	7.6	7.6
15SB9 0-2	BK41650	SW8081	12/20/15	2	Aldrin		ug/kg	U	3.8	3.8
15SB9 0-2	BK41650	SW8081	12/20/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	7.6	7.6
15SB9 0-2	BK41650	SW8081	12/20/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	7.6	7.6
15SB9 0-2	BK41650	SW8081	12/20/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	7.6	7.6
15SB9 0-2	BK41650	SW8081	12/20/15	2	Beta Endosulfan		ug/kg	U	7.6	7.6
15SB9 0-2	BK41650	SW8081	12/20/15	2	P,P'-DDT		ug/kg	U	3.0	3.0
15SB9 0-2	BK41650	SW8081	12/20/15	2	cis-Chlordane		ug/kg	U	3.8	3.8
15SB9 0-2	BK41650	SW8081	12/20/15	2	trans-Chlordane		ug/kg	U	3.8	3.8
15SB9 0-2	BK41650	SW8081	12/20/15	2	Endrin Ketone		ug/kg	U	7.6	7.6
15SB9 0-2	BK41650	SW8081	12/20/15	2	Chlordane		ug/kg	U	38	38
15SB9 0-2	BK41650	SW8081	12/20/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.5	1.5
15SB9 0-2	BK41650	SW8081	12/20/15	2	Dieldrin		ug/kg	U	3.8	3.8
15SB9 0-2	BK41650	SW8081	12/20/15	2	Endrin		ug/kg	U	7.6	7.6
15SB9 0-2	BK41650	SW8081	12/20/15	2	Methoxychlor		ug/kg	U	38	38
15SB9 0-2	BK41650	SW8081	12/20/15	2	P,P'-DDD		ug/kg	U	2.3	2.3
15SB9 0-2	BK41650	SW8081	12/20/15	2	P,P'-DDE		ug/kg	U	2.3	2.3
15SB9 0-2	BK41650	SW8081	12/20/15	2	Endrin Aldehyde		ug/kg	U	7.6	7.6
15SB9 0-2	BK41650	SW8081	12/20/15	2	Heptachlor		ug/kg	U	7.6	7.6
15SB9 0-2	BK41650	SW8081	12/20/15	2	Toxaphene		ug/kg	U	150	150
15SB9 0-2	BK41650	SW8081	12/20/15	2	Alpha Endosulfan		ug/kg	U	7.6	7.6
15SB9 0-2	BK41650	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	38	38
15SB9 0-2	BK41650	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	38	38
15SB9 0-2	BK41650	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	38	38
15SB9 0-2	BK41650	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	38	38
15SB9 0-2	BK41650	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	38	38
15SB9 0-2	BK41650	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	38	38
15SB9 0-2	BK41650	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	38	38
15SB9 0-2	BK41650	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	38	38
15SB9 0-2	BK41650	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	38	38
15SB9 0-2	BK41650	SW8260	12/22/15	50	Ethylbenzene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Styrene		ug/kg	U	28	280



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB9 0-2	BK41650	SW8260	12/22/15	50	Cis-1,3-Dichloropropene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Trans-1,3-Dichloropropene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	N-Propylbenzene	140	ug/kg	J	50	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	N-Butylbenzene	86	ug/kg	J	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	4-Chlorotoluene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,4-Dichlorobenzene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Acrolein		ug/kg	U	140	1100
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,2-Dichloroethane		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Acrylonitrile		ug/kg	U	28	1100
15SB9 0-2	BK41650	SW8260	12/22/15	50	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	280	1400
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Bromobenzene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Toluene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Chlorobenzene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Tetrahydrofuran		ug/kg	U	140	560
15SB9 0-2	BK41650	SW8260	12/22/15	50	Trans-1,4-Dichloro-2-Butene		ug/kg	U	140	560
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,2,4-Trichlorobenzene		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,4-Dioxane (P-Dioxane)		ug/kg	U	2200	5600
15SB9 0-2	BK41650	SW8260	12/22/15	50	Dibromochloromethane		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Tetrachloroethylene (PCE)		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Sec-Butylbenzene	140	ug/kg	J	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,3-Dichloropropane		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Cis-1,2-Dichloroethylene		ug/kg	U	28	250
15SB9 0-2	BK41650	SW8260	12/22/15	50	Trans-1,2-Dichloroethene		ug/kg	U	28	190
15SB9 0-2	BK41650	SW8260	12/22/15	50	Tert-Butyl Methyl Ether		ug/kg	U	56	560
15SB9 0-2	BK41650	SW8260	12/22/15	50	m,p-Xylene	78	ug/kg	J	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	O-Cymene (O-Isopropyltoluene)	50	ug/kg	J	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,3-Dichlorobenzene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Carbon Tetrachloride		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,1-Dichloropropene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	2-Hexanone		ug/kg	U	280	1400
15SB9 0-2	BK41650	SW8260	12/22/15	50	2,2-Dichloropropane		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,1,1,2-Tetrachloroethane		ug/kg	U	56	1100
15SB9 0-2	BK41650	SW8260	12/22/15	50	Chloroform		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Benzene		ug/kg	U	28	60
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,1,1-Trichloroethane	56	ug/kg	J	28	280



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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	MDL	RL
15SB9 0-2	BK41650	SW8260	12/22/15	50	Bromomethane		ug/kg	U	110	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Chloromethane		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Dibromomethane		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Bromochloromethane		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Chloroethane		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Vinyl Chloride		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Methylene Chloride		ug/kg	U	280	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Carbon Disulfide		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Bromoform		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Bromodichloromethane		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,1-Dichloroethane		ug/kg	U	56	270
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,1-Dichloroethene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Tert-Butyl Alcohol		ug/kg	U	1100	5600
15SB9 0-2	BK41650	SW8260	12/22/15	50	Trichlorofluoromethane		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Dichlorodifluoromethane		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,2-Dichloropropane		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	280	1700
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,1,2-Trichloroethane		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Trichloroethylene (TCE)		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,1,2,2-Tetrachloroethane		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,2,3-Trichlorobenzene		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Hexachlorobutadiene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Naphthalene		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	2-Chlorotoluene		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,2-Dichlorobenzene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,2,4-Trimethylbenzene	64	ug/kg	J	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,2-Dibromo-3-Chloropropane		ug/kg	U	56	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	1,2,3-Trichloropropane		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	T-Butylbenzene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Isopropylbenzene (Cumene)	60	ug/kg	J	28	280
15SB9 0-2	BK41650	SW8260	12/22/15	50	Cymene		ug/kg	U	28	280
15SB9 0-2	BK41650	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	130	770
15SB9 0-2	BK41650	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	170	380
15SB9 0-2	BK41650	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	95	270



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB9 0-2	BK41650	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	180	310
15SB9 0-2	BK41650	SW8270	12/19/15	1	Phenol		ug/kg	U	120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	100	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	99	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	130	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	150	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Phenanthrene	1100	ug/kg		110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	130	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Aniline		ug/kg	U	310	310
15SB9 0-2	BK41650	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	130	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Isophorone		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	140	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	100	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	99	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	150	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Fluorene		ug/kg	U	130	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Carbazole		ug/kg	U	290	1900
15SB9 0-2	BK41650	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	140	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	140	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	390	770



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB9 0-2	BK41650	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	240	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Naphthalene		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	180	770
15SB9 0-2	BK41650	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	180	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	110	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	130	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	210	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Acetophenone		ug/kg	U	120	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	130	270
15SB9 0-2	BK41650	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	770	770
15SB9 0-2	BK41650	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	150	270
15SB9 0-2	BK41650	SW8260	12/22/15	50	Acetone		ug/kg	UJ	280	2800
15SB9 0-2	BK41650	SW8270	12/19/15	1	Pyrene	2200	ug/kg		130	270
15SB9 0-2	BK41650	SW6010	12/20/15	10	Iron	31700	mg/kg		36	36
15SB9 11-13	BK41651	SW8260	12/23/15	1	Acetone	3.1	ug/kg	J	2.6	26
15SB9 11-13	BK41651	SW8260	12/23/15	1	Chloromethane		ug/kg	UJ	0.51	2.6
15SB9 11-13	BK41651	SW8270	12/19/15	1	Anthracene	140	ug/kg	J	130	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Benzo(A)Anthracene	610	ug/kg		140	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Benzo(A)Pyrene	660	ug/kg		130	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Benzo(B)Fluoranthene	560	ug/kg		140	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Benzo(G,H,I)Perylene	320	ug/kg		130	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Benzo(K)Fluoranthene	580	ug/kg		130	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate	120	ug/kg	J	120	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Chrysene	700	ug/kg		140	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Fluoranthene	1200	ug/kg		130	280
15SB9 11-13	BK41651	SW8260	12/23/15	1	Dichlorodifluoromethane		ug/kg	UJ	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Vinyl Chloride		ug/kg	UJ	0.26	2.6
15SB9 11-13	BK41651	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene	400	ug/kg		130	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	99	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Phenanthrene	720	ug/kg		120	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	280	810
15SB9 11-13	BK41651	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	430	2000
15SB9 11-13	BK41651	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	810	2000
15SB9 11-13	BK41651	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	120	280



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB9 11-13	BK41651	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	240	810
15SB9 11-13	BK41651	E160.3	12/18/15	1	Solids, Percent	82	%			
15SB9 11-13	BK41651	SW8260	12/23/15	50	N-Propylbenzene	130	ug/kg	J	60	330
15SB9 11-13	BK41651	SW8260	12/23/15	50	N-Butylbenzene	71	ug/kg	J	33	330
15SB9 11-13	BK41651	SW8260	12/23/15	50	1,3,5-Trimethylbenzene (Mesitylene)	200	ug/kg	J	33	330
15SB9 11-13	BK41651	SW8260	12/23/15	50	Sec-Butylbenzene	130	ug/kg	J	33	330
15SB9 11-13	BK41651	SW8260	12/23/15	50	m,p-Xylene	230	ug/kg	J	67	330
15SB9 11-13	BK41651	SW8260	12/23/15	50	O-Cymene (O-Isopropyltoluene)	51	ug/kg	J	33	330
15SB9 11-13	BK41651	SW8260	12/23/15	50	1,2,4-Trimethylbenzene	510	ug/kg		33	330
15SB9 11-13	BK41651	SW8260	12/23/15	50	Isopropylbenzene (Cumene)	55	ug/kg	J	33	330
15SB9 11-13	BK41651	SW8260	12/23/15	1	Ethylbenzene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Styrene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	4-Chlorotoluene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,4-Dichlorobenzene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Acrolein		ug/kg	U	1.3	10
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,2-Dichloroethane		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Acrylonitrile		ug/kg	U	0.26	10
15SB9 11-13	BK41651	SW8260	12/23/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	2.6	13
15SB9 11-13	BK41651	SW8260	12/23/15	1	Bromobenzene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Toluene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Chlorobenzene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Tetrahydrofuran		ug/kg	U	1.3	5.1
15SB9 11-13	BK41651	SW8260	12/23/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	1.3	5.1
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,2,4-Trichlorobenzene		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	20	51
15SB9 11-13	BK41651	SW8260	12/23/15	1	Dibromochloromethane		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Tetrachloroethylene (PCE)		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,3-Dichloropropane		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Tert-Butyl Methyl Ether		ug/kg	U	0.51	5.1
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,3-Dichlorobenzene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Carbon Tetrachloride		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,1-Dichloropropene		ug/kg	U	0.26	2.6



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB9 11-13	BK41651	SW8260	12/23/15	1	2-Hexanone		ug/kg	U	2.6	13
15SB9 11-13	BK41651	SW8260	12/23/15	1	2,2-Dichloropropane		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	0.51	10
15SB9 11-13	BK41651	SW8260	12/23/15	1	Chloroform		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Benzene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,1,1-Trichloroethane		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Bromomethane		ug/kg	U	1.0	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Dibromomethane		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Bromochloromethane		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Chloroethane		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Methylene Chloride		ug/kg	U	2.6	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Carbon Disulfide		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Bromoform		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Bromodichloromethane		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,1-Dichloroethane		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,1-Dichloroethene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Tert-Butyl Alcohol		ug/kg	U	10	51
15SB9 11-13	BK41651	SW8260	12/23/15	1	Trichlorofluoromethane		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,2-Dichloropropane		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	2.6	15
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,1,2-Trichloroethane		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Trichloroethylene (TCE)		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,2,3-Trichlorobenzene		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Hexachlorobutadiene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Naphthalene		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	2-Chlorotoluene		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,2-Dichlorobenzene		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	0.51	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	1,2,3-Trichloropropane		ug/kg	U	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	T-Butylbenzene	0.51	ug/kg	J	0.26	2.6
15SB9 11-13	BK41651	SW8260	12/23/15	1	Cymene	0.30	ug/kg	J	0.26	2.6
15SB9 11-13	BK41651	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	130	810
15SB9 11-13	BK41651	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	180	400
15SB9 11-13	BK41651	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	120	280



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB9 11-13	BK41651	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	100	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	120	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	190	320
15SB9 11-13	BK41651	SW8270	12/19/15	1	Phenol		ug/kg	U	130	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	110	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	110	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	100	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	120	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	120	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	140	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	160	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	130	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	130	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	120	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	110	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	110	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	130	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	120	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	140	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	130	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	130	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Aniline		ug/kg	U	320	320
15SB9 11-13	BK41651	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	110	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	120	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	140	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Isophorone		ug/kg	U	110	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	150	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	120	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	130	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	110	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	100	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	160	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Fluorene		ug/kg	U	130	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Carbazole		ug/kg	U	310	2000
15SB9 11-13	BK41651	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	150	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	150	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	130	280



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB9 11-13	BK41651	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	410	810
15SB9 11-13	BK41651	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	260	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Naphthalene		ug/kg	U	120	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	120	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	110	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	190	810
15SB9 11-13	BK41651	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	190	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	110	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	110	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	140	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	220	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Acetophenone		ug/kg	U	130	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	140	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	810	810
15SB9 11-13	BK41651	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	160	280
15SB9 11-13	BK41651	SW8270	12/19/15	1	Pyrene	1100	ug/kg		140	280
15SB9 18-20	BK41652	SW8260	12/23/15	1	Acetone	16	ug/kg	J	7.6	50
15SB9 18-20	BK41652	SW8260	12/23/15	1	Chloromethane		ug/kg	UJ	1.5	7.6
15SB9 18-20	BK41652	SW6010	12/20/15	1	Copper	18.4	mg/kg		0.36	0.36
15SB9 18-20	BK41652	SW8260	12/23/15	1	Dichlorodifluoromethane		ug/kg	UJ	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Vinyl Chloride		ug/kg	UJ	0.76	7.6
15SB9 18-20	BK41652	SW8270	12/19/15	1	Pyridine		ug/kg	UJ	93	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	2,4-Dinitrophenol		ug/kg	R	260	750
15SB9 18-20	BK41652	SW8270	12/19/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	410	1900
15SB9 18-20	BK41652	SW8270	12/19/15	1	Benzoic Acid		ug/kg	R	750	1900
15SB9 18-20	BK41652	SW8270	12/19/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Benzidine		ug/kg	UJ	220	750
15SB9 18-20	BK41652	E160.3	12/18/15	1	Solids, Percent	87	%			
15SB9 18-20	BK41652	SW6010	12/20/15	10	Aluminum	2340	mg/kg		7.2	36
15SB9 18-20	BK41652	SW6010	12/20/15	10	Manganese	282	mg/kg		3.6	3.6
15SB9 18-20	BK41652	SW6010	12/20/15	1	Lead	106	mg/kg		0.36	0.7
15SB9 18-20	BK41652	SW6010	12/20/15	1	Magnesium	856	mg/kg		3.6	3.6
15SB9 18-20	BK41652	SW6010	12/20/15	1	Nickel	9.12	mg/kg		0.36	0.36
15SB9 18-20	BK41652	SW6010	12/20/15	1	Potassium	638	mg/kg	J+	2.8	7
15SB9 18-20	BK41652	SW6010	12/20/15	1	Silver		mg/kg	U	0.36	0.36
15SB9 18-20	BK41652	SW6010	12/20/15	1	Sodium	242	mg/kg	J+	3.1	7
15SB9 18-20	BK41652	SW6010	12/20/15	1	Thallium		mg/kg	U	1.4	1.4



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB9 18-20	BK41652	SW6010	12/20/15	1	Antimony		mg/kg	U	1.8	1.8
15SB9 18-20	BK41652	SW6010	12/20/15	1	Arsenic	27.0	mg/kg		0.72	0.7
15SB9 18-20	BK41652	SW6010	12/20/15	1	Barium	62.3	mg/kg		0.36	0.7
15SB9 18-20	BK41652	SW6010	12/20/15	1	Beryllium	0.25	mg/kg	J	0.14	0.29
15SB9 18-20	BK41652	SW6010	12/20/15	1	Cadmium	1.39	mg/kg		0.14	0.36
15SB9 18-20	BK41652	SW6010	12/20/15	1	Chromium, Total	12.3	mg/kg		0.36	0.36
15SB9 18-20	BK41652	SW6010	12/20/15	1	Cobalt	6.89	mg/kg		0.36	0.36
15SB9 18-20	BK41652	SW6010	12/20/15	1	Vanadium	63.9	mg/kg		0.36	0.4
15SB9 18-20	BK41652	SW6010	12/20/15	1	Zinc	21.3	mg/kg		0.36	0.7
15SB9 18-20	BK41652	SW6010	12/20/15	1	Calcium	7440	mg/kg		3.3	3.6
15SB9 18-20	BK41652	SW6010	12/20/15	1	Selenium		mg/kg	U	1.2	1.4
15SB9 18-20	BK41652	SW7471	12/21/15	1	Mercury	0.14	mg/kg		0.02	0.03
15SB9 18-20	BK41652	SW8081	12/23/15	2	Heptachlor Epoxide		ug/kg	U	7.5	7.5
15SB9 18-20	BK41652	SW8081	12/23/15	2	Endosulfan Sulfate		ug/kg	U	7.5	7.5
15SB9 18-20	BK41652	SW8081	12/23/15	2	Aldrin		ug/kg	U	3.7	3.7
15SB9 18-20	BK41652	SW8081	12/23/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	7.5	7.5
15SB9 18-20	BK41652	SW8081	12/23/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	7.5	7.5
15SB9 18-20	BK41652	SW8081	12/23/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	7.5	7.5
15SB9 18-20	BK41652	SW8081	12/23/15	2	Beta Endosulfan		ug/kg	U	7.5	7.5
15SB9 18-20	BK41652	SW8081	12/23/15	2	P,P'-DDT		ug/kg	U	2.2	2.2
15SB9 18-20	BK41652	SW8081	12/23/15	2	cis-Chlordane		ug/kg	U	3.7	3.7
15SB9 18-20	BK41652	SW8081	12/23/15	2	trans-Chlordane		ug/kg	U	3.7	3.7
15SB9 18-20	BK41652	SW8081	12/23/15	2	Endrin Ketone		ug/kg	U	7.5	7.5
15SB9 18-20	BK41652	SW8081	12/23/15	2	Chlordane		ug/kg	U	37	37
15SB9 18-20	BK41652	SW8081	12/23/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.5	1.5
15SB9 18-20	BK41652	SW8081	12/23/15	2	Dieldrin		ug/kg	U	3.7	3.7
15SB9 18-20	BK41652	SW8081	12/23/15	2	Endrin		ug/kg	U	7.5	7.5
15SB9 18-20	BK41652	SW8081	12/23/15	2	Methoxychlor		ug/kg	U	37	37
15SB9 18-20	BK41652	SW8081	12/23/15	2	P,P'-DDD		ug/kg	U	2.2	2.2
15SB9 18-20	BK41652	SW8081	12/23/15	2	P,P'-DDE		ug/kg	U	2.2	2.2
15SB9 18-20	BK41652	SW8081	12/23/15	2	Endrin Aldehyde		ug/kg	U	7.5	7.5
15SB9 18-20	BK41652	SW8081	12/23/15	2	Heptachlor		ug/kg	U	7.5	7.5
15SB9 18-20	BK41652	SW8081	12/23/15	2	Toxaphene		ug/kg	U	150	150
15SB9 18-20	BK41652	SW8081	12/23/15	2	Alpha Endosulfan		ug/kg	UJ	7.5	7.5
15SB9 18-20	BK41652	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	37	37
15SB9 18-20	BK41652	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	37	37
15SB9 18-20	BK41652	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	37	37



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB9 18-20	BK41652	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	37	37
15SB9 18-20	BK41652	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	37	37
15SB9 18-20	BK41652	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	37	37
15SB9 18-20	BK41652	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	37	37
15SB9 18-20	BK41652	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	37	37
15SB9 18-20	BK41652	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	37	37
15SB9 18-20	BK41652	SW8260	12/23/15	50	N-Propylbenzene		ug/kg	UJ	39	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	N-Butylbenzene		ug/kg	UJ	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	4-Chlorotoluene		ug/kg	UJ	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	1,4-Dichlorobenzene		ug/kg	UJ	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	UJ	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	Bromobenzene		ug/kg	UJ	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	Toluene	79	ug/kg	J	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	Trans-1,4-Dichloro-2-Butene		ug/kg	UJ	110	430
15SB9 18-20	BK41652	SW8260	12/23/15	50	1,2,4-Trichlorobenzene		ug/kg	UJ	43	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	Sec-Butylbenzene	49	ug/kg	J	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	O-Cymene (O-Isopropyltoluene)	24	ug/kg	J	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	1,3-Dichlorobenzene		ug/kg	UJ	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	Benzene	34	ug/kg	J	22	60
15SB9 18-20	BK41652	SW8260	12/23/15	50	1,1,2,2-Tetrachloroethane		ug/kg	UJ	43	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	1,2,3-Trichlorobenzene		ug/kg	UJ	43	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	Hexachlorobutadiene		ug/kg	UJ	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	Naphthalene		ug/kg	UJ	43	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	2-Chlorotoluene		ug/kg	UJ	43	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	1,2-Dichlorobenzene		ug/kg	UJ	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	1,2,4-Trimethylbenzene		ug/kg	UJ	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	1,2-Dibromo-3-Chloropropane		ug/kg	UJ	43	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	1,2,3-Trichloropropane		ug/kg	UJ	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	T-Butylbenzene		ug/kg	UJ	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	Isopropylbenzene (Cumene)		ug/kg	UJ	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	50	Cymene	130	ug/kg	J	22	220
15SB9 18-20	BK41652	SW8260	12/23/15	1	Ethylbenzene		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Styrene		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Acrolein		ug/kg	U	3.8	31



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB9 18-20	BK41652	SW8260	12/23/15	1	1,2-Dichloroethane		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Acrylonitrile		ug/kg	U	0.76	31
15SB9 18-20	BK41652	SW8260	12/23/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	7.6	38
15SB9 18-20	BK41652	SW8260	12/23/15	1	Chlorobenzene		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Tetrahydrofuran		ug/kg	U	3.8	15
15SB9 18-20	BK41652	SW8260	12/23/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	61	100
15SB9 18-20	BK41652	SW8260	12/23/15	1	Dibromochloromethane		ug/kg	U	1.5	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Tetrachloroethylene (PCE)		ug/kg	U	1.5	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	1,3-Dichloropropane		ug/kg	U	1.5	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Tert-Butyl Methyl Ether		ug/kg	U	1.5	15
15SB9 18-20	BK41652	SW8260	12/23/15	1	m,p-Xylene		ug/kg	U	1.5	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Carbon Tetrachloride		ug/kg	U	1.5	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	1,1-Dichloropropene		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	2-Hexanone		ug/kg	U	7.6	38
15SB9 18-20	BK41652	SW8260	12/23/15	1	2,2-Dichloropropane		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	1.5	31
15SB9 18-20	BK41652	SW8260	12/23/15	1	Chloroform		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	1,1,1-Trichloroethane		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Bromomethane		ug/kg	U	3.1	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Dibromomethane		ug/kg	U	1.5	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Bromochloromethane		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Chloroethane		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Methylene Chloride		ug/kg	U	7.6	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Carbon Disulfide		ug/kg	U	1.5	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Bromoform		ug/kg	U	1.5	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Bromodichloromethane		ug/kg	U	1.5	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	1,1-Dichloroethane		ug/kg	U	1.5	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	1,1-Dichloroethene		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Tert-Butyl Alcohol		ug/kg	U	31	150
15SB9 18-20	BK41652	SW8260	12/23/15	1	Trichlorofluoromethane		ug/kg	U	1.5	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.76	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	1,2-Dichloropropane		ug/kg	U	1.5	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	7.6	46
15SB9 18-20	BK41652	SW8260	12/23/15	1	1,1,2-Trichloroethane		ug/kg	U	1.5	7.6
15SB9 18-20	BK41652	SW8260	12/23/15	1	Trichloroethylene (TCE)		ug/kg	U	0.76	7.6



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB9 18-20	BK41652	SW8260	12/23/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	1.5	7.6
15SB9 18-20	BK41652	SW8270	12/19/15	1	4-Nitroaniline		ug/kg	U	130	750
15SB9 18-20	BK41652	SW8270	12/19/15	1	4-Nitrophenol		ug/kg	U	170	380
15SB9 18-20	BK41652	SW8270	12/19/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	2,4-Dimethylphenol		ug/kg	U	93	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	1,4-Dichlorobenzene		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	4-Chloroaniline		ug/kg	U	180	300
15SB9 18-20	BK41652	SW8270	12/19/15	1	Phenol		ug/kg	U	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	100	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	100	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Di-N-Octylphthalate		ug/kg	U	97	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Hexachlorobenzene		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Anthracene		ug/kg	U	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	1,2,4-Trichlorobenzene		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	2,4-Dichlorophenol		ug/kg	U	130	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	2,4-Dinitrotoluene		ug/kg	U	150	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	1,2-Diphenylhydrazine		ug/kg	U	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Pyrene		ug/kg	U	130	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Dimethyl Phthalate		ug/kg	U	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Dibenzofuran		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Benzo(G,H,I)Perylene		ug/kg	U	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	130	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Benzo(B)Fluoranthene		ug/kg	U	130	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Fluoranthene		ug/kg	U	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Benzo(K)Fluoranthene		ug/kg	U	130	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Acenaphthylene		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Chrysene		ug/kg	U	130	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	100	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Benzo(A)Pyrene		ug/kg	U	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Dibenz(A,H)Anthracene		ug/kg	U	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	1,3-Dichlorobenzene		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Benzo(A)Anthracene		ug/kg	U	130	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	4-Chloro-3-Methylphenol		ug/kg	U	130	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	2,6-Dinitrotoluene		ug/kg	U	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Aniline		ug/kg	U	300	300



**65 ECKFORD STREET
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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB9 18-20	BK41652	SW8270	12/19/15	1	N-Nitrosodimethylamine		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Hexachloroethane		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	130	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Isophorone		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Pentachloronitrobenzene		ug/kg	U	140	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Acenaphthene		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Diethyl Phthalate		ug/kg	U	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Di-N-Butyl Phthalate		ug/kg	U	100	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Phenanthrene		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Benzyl Butyl Phthalate		ug/kg	U	97	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	N-Nitrosodiphenylamine		ug/kg	U	140	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Fluorene		ug/kg	U	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Carbazole		ug/kg	U	290	1900
15SB9 18-20	BK41652	SW8270	12/19/15	1	Hexachlorobutadiene		ug/kg	U	140	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Pentachlorophenol		ug/kg	UJ	140	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	2,4,6-Trichlorophenol		ug/kg	U	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	2-Nitroaniline		ug/kg	U	380	750
15SB9 18-20	BK41652	SW8270	12/19/15	1	2-Nitrophenol		ug/kg	U	240	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Naphthalene		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	2-Methylnaphthalene		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	2-Chloronaphthalene		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	3,3'-Dichlorobenzidine		ug/kg	U	180	750
15SB9 18-20	BK41652	SW8270	12/19/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	180	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	1,2-Dichlorobenzene		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	2-Chlorophenol		ug/kg	U	110	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	130	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	2,4,5-Trichlorophenol		ug/kg	U	210	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Acetophenone		ug/kg	U	120	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	Nitrobenzene		ug/kg	U	130	260
15SB9 18-20	BK41652	SW8270	12/19/15	1	3-Nitroaniline		ug/kg	U	750	750
15SB9 18-20	BK41652	SW8270	12/19/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	150	260
15SB9 18-20	BK41652	SW6010	12/20/15	10	Iron	31300	mg/kg		36	36
15SB10 11-13	BK41653	E160.3	12/18/15	1	Solids, Percent	68	%			
15SB10 11-13	BK41653	SW8260	12/23/15	50	Ethylbenzene	98	ug/kg	J	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Styrene		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Cis-1,3-Dichloropropene		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Trans-1,3-Dichloropropene		ug/kg	U	42	420



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 11-13	BK41653	SW8260	12/23/15	50	N-Propylbenzene	540	ug/kg	J	75	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	N-Butylbenzene	1100	ug/kg	J	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	4-Chlorotoluene		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,4-Dichlorobenzene		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Acrolein		ug/kg	U	210	1700
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,2-Dichloroethane		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Acrylonitrile		ug/kg	U	42	1700
15SB10 11-13	BK41653	SW8260	12/23/15	50	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	420	2100
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Bromobenzene		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Toluene		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Chlorobenzene		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Tetrahydrofuran		ug/kg	U	210	830
15SB10 11-13	BK41653	SW8260	12/23/15	50	Trans-1,4-Dichloro-2-Butene		ug/kg	U	210	830
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,2,4-Trichlorobenzene		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,4-Dioxane (P-Dioxane)		ug/kg	U	3300	8300
15SB10 11-13	BK41653	SW8260	12/23/15	50	Dibromochloromethane		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Tetrachloroethylene (PCE)		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Sec-Butylbenzene	2700	ug/kg	J	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,3-Dichloropropane		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Cis-1,2-Dichloroethylene	170	ug/kg	J	42	250
15SB10 11-13	BK41653	SW8260	12/23/15	50	Trans-1,2-Dichloroethene		ug/kg	U	42	190
15SB10 11-13	BK41653	SW8260	12/23/15	50	Tert-Butyl Methyl Ether		ug/kg	U	83	830
15SB10 11-13	BK41653	SW8260	12/23/15	50	m,p-Xylene	270	ug/kg	J	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	O-Cymene (O-Isopropyltoluene)	1600	ug/kg	J	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,3-Dichlorobenzene		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Carbon Tetrachloride		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,1-Dichloropropene		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	2-Hexanone		ug/kg	U	420	2100
15SB10 11-13	BK41653	SW8260	12/23/15	50	2,2-Dichloropropane		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,1,1,2-Tetrachloroethane		ug/kg	U	83	1700
15SB10 11-13	BK41653	SW8260	12/23/15	50	Chloroform		ug/kg	U	42	370
15SB10 11-13	BK41653	SW8260	12/23/15	50	Benzene		ug/kg	U	42	60
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,1,1-Trichloroethane		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Bromomethane		ug/kg	U	170	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Dibromomethane		ug/kg	U	83	420



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 11-13	BK41653	SW8260	12/23/15	50	Bromochloromethane		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Chloroethane		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Methylene Chloride		ug/kg	U	420	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Carbon Disulfide		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Bromoform		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Bromodichloromethane		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,1-Dichloroethane		ug/kg	U	83	270
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,1-Dichloroethene		ug/kg	U	42	330
15SB10 11-13	BK41653	SW8260	12/23/15	50	Tert-Butyl Alcohol		ug/kg	U	1700	8300
15SB10 11-13	BK41653	SW8260	12/23/15	50	Trichlorofluoromethane		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,2-Dichloropropane		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	420	2500
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,1,2-Trichloroethane		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Trichloroethylene (TCE)		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,1,2,2-Tetrachloroethane		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,2,3-Trichlorobenzene		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Hexachlorobutadiene		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Naphthalene	610	ug/kg	J	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	2-Chlorotoluene		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,2-Dichlorobenzene		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,2,4-Trimethylbenzene	410	ug/kg	J	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,2-Dibromo-3-Chloropropane		ug/kg	U	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	1,2,3-Trichloropropane		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	T-Butylbenzene	630	ug/kg	J	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Isopropylbenzene (Cumene)	120	ug/kg	J	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Cymene		ug/kg	U	42	420
15SB10 11-13	BK41653	SW8270	12/21/15	1	4-Nitroaniline		ug/kg	U	160	960
15SB10 11-13	BK41653	SW8270	12/21/15	1	4-Nitrophenol		ug/kg	U	220	480
15SB10 11-13	BK41653	SW8270	12/21/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	140	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	2,4-Dimethylphenol		ug/kg	U	120	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	140	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	4-Chloroaniline		ug/kg	U	220	380
15SB10 11-13	BK41653	SW8270	12/21/15	1	Phenol		ug/kg	U	150	330
15SB10 11-13	BK41653	SW8270	12/21/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	130	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	130	340



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 11-13	BK41653	SW8270	12/21/15	1	Di-N-Octylphthalate		ug/kg	U	120	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Hexachlorobenzene		ug/kg	U	140	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Anthracene		ug/kg	U	160	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	150	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	2,4-Dichlorophenol		ug/kg	U	170	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	2,4-Dinitrotoluene		ug/kg	U	190	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	1,2-Diphenylhydrazine		ug/kg	U	160	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Dimethyl Phthalate		ug/kg	U	150	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Dibenzofuran		ug/kg	U	140	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Acenaphthylene		ug/kg	U	130	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	130	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Dibenz(A,H)Anthracene		ug/kg	U	160	330
15SB10 11-13	BK41653	SW8270	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	140	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	4-Chloro-3-Methylphenol		ug/kg	U	170	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	2,6-Dinitrotoluene		ug/kg	U	150	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	160	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Aniline		ug/kg	U	380	380
15SB10 11-13	BK41653	SW8270	12/21/15	1	N-Nitrosodimethylamine		ug/kg	U	140	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Hexachloroethane		ug/kg	U	140	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	160	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Isophorone		ug/kg	U	130	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Pentachloronitrobenzene		ug/kg	U	180	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Acenaphthene		ug/kg	U	150	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Diethyl Phthalate		ug/kg	U	150	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Di-N-Butyl Phthalate		ug/kg	U	130	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Benzyl Butyl Phthalate		ug/kg	U	120	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	N-Nitrosodiphenylamine		ug/kg	U	180	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Fluorene		ug/kg	U	160	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Carbazole		ug/kg	U	360	2400
15SB10 11-13	BK41653	SW8270	12/21/15	1	Hexachlorobutadiene		ug/kg	U	170	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	2,4-Dinitrophenol		ug/kg	R	340	960
15SB10 11-13	BK41653	SW8270	12/21/15	1	2,4,6-Trichlorophenol		ug/kg	U	150	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	2-Nitroaniline		ug/kg	U	490	960
15SB10 11-13	BK41653	SW8270	12/21/15	1	2-Nitrophenol		ug/kg	U	300	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Naphthalene		ug/kg	U	140	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	2-Methylnaphthalene		ug/kg	U	140	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	2-Chloronaphthalene		ug/kg	U	140	340



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 11-13	BK41653	SW8270	12/21/15	1	3,3'-Dichlorobenzidine		ug/kg	U	230	960
15SB10 11-13	BK41653	SW8270	12/21/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	230	330
15SB10 11-13	BK41653	SW8270	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	140	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	2-Chlorophenol		ug/kg	U	140	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	170	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	2,4,5-Trichlorophenol		ug/kg	U	260	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Acetophenone		ug/kg	U	150	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Nitrobenzene		ug/kg	U	170	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	3-Nitroaniline		ug/kg	U	960	960
15SB10 11-13	BK41653	SW8270	12/21/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	190	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Benzo(A)Anthracene	210	ug/kg	J	160	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Benzo(A)Pyrene	210	ug/kg	J	160	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Benzo(B)Fluoranthene	210	ug/kg	J	160	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Benzo(G,H,I)Perylene	180	ug/kg	J	160	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Benzo(K)Fluoranthene	190	ug/kg	J	160	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Bis(2-Ethylhexyl) Phthalate	630	ug/kg		140	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Chrysene	240	ug/kg	J	160	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Fluoranthene	500	ug/kg		160	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Indeno(1,2,3-C,D)Pyrene	180	ug/kg	J	160	340
15SB10 11-13	BK41653	SW8260	12/23/15	50	Acetone		ug/kg	UJ	420	4200
15SB10 11-13	BK41653	SW8270	12/21/15	1	Phenanthrene	400	ug/kg		140	340
15SB10 11-13	BK41653	SW8260	12/23/15	50	Chloromethane		ug/kg	UJ	83	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Dichlorodifluoromethane		ug/kg	UJ	42	420
15SB10 11-13	BK41653	SW8260	12/23/15	50	Vinyl Chloride	350	ug/kg	J	42	420
15SB10 11-13	BK41653	SW8270	12/21/15	1	Pyridine		ug/kg	U	120	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	520	2400
15SB10 11-13	BK41653	SW8270	12/21/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	150	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Benzidine		ug/kg	UJ	280	960
15SB10 11-13	BK41653	SW8270	12/21/15	1	Pyrene	470	ug/kg		170	340
15SB10 11-13	BK41653	SW8270	12/21/15	1	Benzoic Acid		ug/kg	R	960	2400
15SB10 11-13	BK41653	SW8270	12/21/15	1	Pentachlorophenol		ug/kg	UJ	180	340
15SB10 18-20	BK41654	E160.3	12/18/15	1	Solids, Percent	52	%			
15SB10 18-20	BK41654	SW6010	12/20/15	10	Aluminum	7730	mg/kg		13	63
15SB10 18-20	BK41654	SW6010	12/20/15	10	Lead	268	mg/kg		6.3	13
15SB10 18-20	BK41654	SW6010	12/20/15	10	Zinc	277	mg/kg		6.3	13
15SB10 18-20	BK41654	SW6010	12/20/15	10	Calcium	21800	mg/kg		58	63
15SB10 18-20	BK41654	SW6010	12/20/15	1	Magnesium	2120	mg/kg		6.3	6.3



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 18-20	BK41654	SW6010	12/20/15	1	Manganese	184	mg/kg		0.63	0.63
15SB10 18-20	BK41654	SW6010	12/20/15	1	Nickel	17.1	mg/kg		0.63	0.63
15SB10 18-20	BK41654	SW6010	12/20/15	1	Silver		mg/kg	U	0.63	0.63
15SB10 18-20	BK41654	SW6010	12/20/15	1	Thallium		mg/kg	U	2.5	2.5
15SB10 18-20	BK41654	SW6010	12/20/15	1	Antimony		mg/kg	U	3.2	3.2
15SB10 18-20	BK41654	SW6010	12/20/15	1	Arsenic	35.8	mg/kg		1.3	1.3
15SB10 18-20	BK41654	SW6010	12/20/15	1	Barium	151	mg/kg		0.63	1.3
15SB10 18-20	BK41654	SW6010	12/20/15	1	Beryllium	0.43	mg/kg	J	0.25	0.51
15SB10 18-20	BK41654	SW6010	12/20/15	1	Cadmium	1.22	mg/kg		0.25	0.63
15SB10 18-20	BK41654	SW6010	12/20/15	1	Chromium, Total	24.7	mg/kg		0.63	0.63
15SB10 18-20	BK41654	SW6010	12/20/15	1	Cobalt	7.98	mg/kg		0.63	0.63
15SB10 18-20	BK41654	SW6010	12/20/15	1	Vanadium	30.2	mg/kg		0.63	0.6
15SB10 18-20	BK41654	SW6010	12/20/15	1	Selenium		mg/kg	U	2.2	2.5
15SB10 18-20	BK41654	SW7471	12/21/15	1	Mercury	12.1	mg/kg		0.29	0.48
15SB10 18-20	BK41654	SW8081	12/23/15	2	Heptachlor Epoxide		ug/kg	U	13	13
15SB10 18-20	BK41654	SW8081	12/23/15	2	Endosulfan Sulfate		ug/kg	U	13	13
15SB10 18-20	BK41654	SW8081	12/23/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	13	13
15SB10 18-20	BK41654	SW8081	12/23/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	13	13
15SB10 18-20	BK41654	SW8081	12/23/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	13	13
15SB10 18-20	BK41654	SW8081	12/23/15	2	Beta Endosulfan		ug/kg	U	13	13
15SB10 18-20	BK41654	SW8081	12/23/15	2	P,P'-DDT		ug/kg	U	3.2	3.2
15SB10 18-20	BK41654	SW8081	12/23/15	2	cis-Chlordane		ug/kg	U	6.4	6.4
15SB10 18-20	BK41654	SW8081	12/23/15	2	trans-Chlordane		ug/kg	U	6.4	6.4
15SB10 18-20	BK41654	SW8081	12/23/15	2	Endrin Ketone		ug/kg	U	13	13
15SB10 18-20	BK41654	SW8081	12/23/15	2	Chlordane		ug/kg	U	64	64
15SB10 18-20	BK41654	SW8081	12/23/15	2	Gamma Bhc (Lindane)		ug/kg	U	2.5	2.5
15SB10 18-20	BK41654	SW8081	12/23/15	2	Dieldrin		ug/kg	U	1.9	1.9
15SB10 18-20	BK41654	SW8081	12/23/15	2	Endrin		ug/kg	U	13	13
15SB10 18-20	BK41654	SW8081	12/23/15	2	Methoxychlor		ug/kg	U	64	64
15SB10 18-20	BK41654	SW8081	12/23/15	2	P,P'-DDD		ug/kg	U	3.2	3.2
15SB10 18-20	BK41654	SW8081	12/23/15	2	P,P'-DDE		ug/kg	U	3.2	3.2
15SB10 18-20	BK41654	SW8081	12/23/15	2	Endrin Aldehyde		ug/kg	U	13	13
15SB10 18-20	BK41654	SW8081	12/23/15	2	Heptachlor		ug/kg	U	13	13
15SB10 18-20	BK41654	SW8081	12/23/15	2	Toxaphene		ug/kg	U	250	250
15SB10 18-20	BK41654	SW8081	12/23/15	2	Alpha Endosulfan		ug/kg	UJ	13	13
15SB10 18-20	BK41654	SW8082	12/19/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	64	64
15SB10 18-20	BK41654	SW8082	12/19/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	64	64



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 18-20	BK41654	SW8082	12/19/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	64	64
15SB10 18-20	BK41654	SW8082	12/19/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	64	64
15SB10 18-20	BK41654	SW8082	12/19/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	64	64
15SB10 18-20	BK41654	SW8082	12/19/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	64	64
15SB10 18-20	BK41654	SW8082	12/19/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	64	64
15SB10 18-20	BK41654	SW8082	12/19/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	64	64
15SB10 18-20	BK41654	SW8082	12/19/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	64	64
15SB10 18-20	BK41654	SW8260	12/23/15	50	N-Propylbenzene		ug/kg	UJ	180	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	N-Butylbenzene		ug/kg	UJ	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	4-Chlorotoluene		ug/kg	UJ	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	1,4-Dichlorobenzene		ug/kg	UJ	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	UJ	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	Bromobenzene		ug/kg	UJ	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	Trans-1,4-Dichloro-2-Butene		ug/kg	UJ	500	2000
15SB10 18-20	BK41654	SW8260	12/23/15	50	1,2,4-Trichlorobenzene		ug/kg	UJ	200	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	Sec-Butylbenzene		ug/kg	UJ	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	O-Cymene (O-Isopropyltoluene)		ug/kg	U	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	1,3-Dichlorobenzene		ug/kg	UJ	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	1,1,2,2-Tetrachloroethane		ug/kg	UJ	200	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	1,2,3-Trichlorobenzene		ug/kg	UJ	200	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	Hexachlorobutadiene		ug/kg	UJ	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	Naphthalene		ug/kg	UJ	200	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	2-Chlorotoluene		ug/kg	UJ	200	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	1,2-Dichlorobenzene		ug/kg	UJ	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	1,2,4-Trimethylbenzene		ug/kg	UJ	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	1,2-Dibromo-3-Chloropropane		ug/kg	UJ	200	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	1,2,3-Trichloropropane		ug/kg	UJ	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	T-Butylbenzene		ug/kg	UJ	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	Isopropylbenzene (Cumene)		ug/kg	UJ	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	50	Cymene		ug/kg	U	100	1000
15SB10 18-20	BK41654	SW8260	12/23/15	1	Ethylbenzene		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Styrene		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Cis-1,3-Dichloropropene		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Trans-1,3-Dichloropropene		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Acrolein		ug/kg	U	6.9	55
15SB10 18-20	BK41654	SW8260	12/23/15	1	1,2-Dichloroethane		ug/kg	U	1.4	14



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 18-20	BK41654	SW8260	12/23/15	1	Acrylonitrile		ug/kg	U	1.4	55
15SB10 18-20	BK41654	SW8260	12/23/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	14	69
15SB10 18-20	BK41654	SW8260	12/23/15	1	Toluene		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Chlorobenzene		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Tetrahydrofuran		ug/kg	U	6.9	28
15SB10 18-20	BK41654	SW8260	12/23/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	110	100
15SB10 18-20	BK41654	SW8260	12/23/15	1	Dibromochloromethane		ug/kg	U	2.8	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Tetrachloroethylene (PCE)		ug/kg	U	2.8	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	1,3-Dichloropropane		ug/kg	U	2.8	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Trans-1,2-Dichloroethene		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Tert-Butyl Methyl Ether		ug/kg	U	2.8	28
15SB10 18-20	BK41654	SW8260	12/23/15	1	m,p-Xylene		ug/kg	U	2.8	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Carbon Tetrachloride		ug/kg	U	2.8	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	1,1-Dichloropropene		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	2-Hexanone		ug/kg	U	14	69
15SB10 18-20	BK41654	SW8260	12/23/15	1	2,2-Dichloropropane		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	2.8	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Chloroform		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Benzene		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	1,1,1-Trichloroethane		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Bromomethane		ug/kg	U	5.5	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Dibromomethane		ug/kg	U	2.8	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Bromochloromethane		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Chloroethane	2.3	ug/kg	J	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Methylene Chloride		ug/kg	U	14	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Carbon Disulfide	3.6	ug/kg	J	2.8	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Bromoform		ug/kg	U	2.8	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Bromodichloromethane		ug/kg	U	2.8	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	1,1-Dichloroethane		ug/kg	U	2.8	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	1,1-Dichloroethene		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Tert-Butyl Alcohol		ug/kg	U	55	280
15SB10 18-20	BK41654	SW8260	12/23/15	1	Trichlorofluoromethane		ug/kg	U	2.8	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	1,2-Dichloropropane		ug/kg	U	2.8	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Methyl Ethyl Ketone (2-Butanone)	63	ug/kg	J	14	83
15SB10 18-20	BK41654	SW8260	12/23/15	1	1,1,2-Trichloroethane		ug/kg	U	2.8	14



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 18-20	BK41654	SW8260	12/23/15	1	Trichloroethylene (TCE)		ug/kg	U	1.4	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	2.8	14
15SB10 18-20	BK41654	SW8270	12/21/15	1	4-Nitroaniline		ug/kg	U	210	1300
15SB10 18-20	BK41654	SW8270	12/21/15	1	4-Nitrophenol		ug/kg	U	290	630
15SB10 18-20	BK41654	SW8270	12/21/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	190	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	2,4-Dimethylphenol		ug/kg	U	160	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	1,4-Dichlorobenzene		ug/kg	U	190	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	4-Chloroaniline		ug/kg	U	290	510
15SB10 18-20	BK41654	SW8270	12/21/15	1	Phenol		ug/kg	U	200	330
15SB10 18-20	BK41654	SW8270	12/21/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	170	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	170	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	180	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Di-N-Octylphthalate		ug/kg	U	160	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Hexachlorobenzene		ug/kg	U	180	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Anthracene		ug/kg	U	210	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	1,2,4-Trichlorobenzene		ug/kg	U	190	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	2,4-Dichlorophenol		ug/kg	U	220	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	2,4-Dinitrotoluene		ug/kg	U	250	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	1,2-Diphenylhydrazine		ug/kg	U	210	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Dimethyl Phthalate		ug/kg	U	200	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Dibenzofuran		ug/kg	U	180	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Benzo(G,H,I)Perylene		ug/kg	U	200	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	210	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Acenaphthylene		ug/kg	U	180	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	180	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Dibenz(A,H)Anthracene		ug/kg	U	200	330
15SB10 18-20	BK41654	SW8270	12/21/15	1	1,3-Dichlorobenzene		ug/kg	U	190	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	4-Chloro-3-Methylphenol		ug/kg	U	220	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	2,6-Dinitrotoluene		ug/kg	U	200	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	200	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Aniline		ug/kg	U	510	510
15SB10 18-20	BK41654	SW8270	12/21/15	1	N-Nitrosodimethylamine		ug/kg	U	180	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Hexachloroethane		ug/kg	U	190	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	210	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Isophorone		ug/kg	U	180	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Pentachloronitrobenzene		ug/kg	U	240	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Acenaphthene		ug/kg	U	190	440



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 18-20	BK41654	SW8270	12/21/15	1	Diethyl Phthalate		ug/kg	U	200	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Di-N-Butyl Phthalate		ug/kg	U	170	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Benzyl Butyl Phthalate		ug/kg	U	160	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	N-Nitrosodiphenylamine		ug/kg	U	240	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Fluorene		ug/kg	U	210	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Carbazole		ug/kg	U	480	3200
15SB10 18-20	BK41654	SW8270	12/21/15	1	Hexachlorobutadiene		ug/kg	U	230	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	2,4-Dinitrophenol		ug/kg	R	440	1300
15SB10 18-20	BK41654	SW8270	12/21/15	1	2,4,6-Trichlorophenol		ug/kg	U	200	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	2-Nitroaniline		ug/kg	U	640	1300
15SB10 18-20	BK41654	SW8270	12/21/15	1	2-Nitrophenol		ug/kg	U	400	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Naphthalene		ug/kg	U	180	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	2-Methylnaphthalene		ug/kg	U	190	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	2-Chloronaphthalene		ug/kg	U	180	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	3,3'-Dichlorobenzidine		ug/kg	U	300	1300
15SB10 18-20	BK41654	SW8270	12/21/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	300	330
15SB10 18-20	BK41654	SW8270	12/21/15	1	1,2-Dichlorobenzene		ug/kg	U	180	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	2-Chlorophenol		ug/kg	U	180	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	220	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	2,4,5-Trichlorophenol		ug/kg	U	350	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Acetophenone		ug/kg	U	200	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Nitrobenzene		ug/kg	U	220	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	3-Nitroaniline		ug/kg	U	1300	1300
15SB10 18-20	BK41654	SW8270	12/21/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	250	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Benzo(A)Anthracene	260	ug/kg	J	210	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Benzo(A)Pyrene	250	ug/kg	J	210	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Benzo(B)Fluoranthene	240	ug/kg	J	220	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Benzo(K)Fluoranthene	250	ug/kg	J	210	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Chrysene	290	ug/kg	J	210	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Fluoranthene	460	ug/kg		200	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Phenanthrene	480	ug/kg		180	440
15SB10 18-20	BK41654	SW6010	12/20/15	1	Copper	77.0	mg/kg		0.63	0.63
15SB10 18-20	BK41654	SW8260	12/23/15	1	Acetone	230	ug/kg	J	14	50
15SB10 18-20	BK41654	SW8270	12/21/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	680	3200
15SB10 18-20	BK41654	SW8270	12/21/15	1	Benzidine		ug/kg	UJ	370	1300
15SB10 18-20	BK41654	SW8260	12/23/15	1	Chloromethane		ug/kg	UJ	2.8	14
15SB10 18-20	BK41654	SW8260	12/23/15	1	Dichlorodifluoromethane		ug/kg	UJ	1.4	14



65 ECKFORD STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK41633

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15SB10 18-20	BK41654	SW6010	12/20/15	10	Iron	18400	mg/kg		63	63
15SB10 18-20	BK41654	SW6010	12/20/15	1	Potassium	1310	mg/kg	J+	4.9	13
15SB10 18-20	BK41654	SW6010	12/20/15	1	Sodium	809	mg/kg	J+	5.4	13
15SB10 18-20	BK41654	SW8081	12/23/15	2	Aldrin		ug/kg	U	3.2	3.2
15SB10 18-20	BK41654	SW8260	12/23/15	1	Vinyl Chloride		ug/kg	UJ	1.4	14
15SB10 18-20	BK41654	SW8270	12/21/15	1	Pyridine		ug/kg	U	160	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Benzoic Acid		ug/kg	R	1300	3200
15SB10 18-20	BK41654	SW8270	12/21/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	190	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Pyrene	440	ug/kg	J	220	440
15SB10 18-20	BK41654	SW8270	12/21/15	1	Pentachlorophenol		ug/kg	UJ	240	440